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Nutting

FLOOR TRUCKS WHEELS, CASTERS

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FOR THE DAIRY AND PRODUCE INDUSTRIES

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NUTTING TRUCK & CASTER COMPANY

Floor Truck Specialists Since 1891

Factory and General Offices: FARIBAULT, Minnesota

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Nutting

FLOOR TRUCKS
WHEELS=CASTERS

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for

CREAMERY, MILK, ICE CREAM *and* PRODUCE PLANTS

●

SALES REPRESENTATIVES IN PRINCIPAL CITIES
many of whom also carry stocks of
Nutting
HANDLING EQUIPMENT

●

NUTTING TRUCK & CASTER COMPANY
INCORPORATED
Factory and General Offices: FARIBAULT, Minnesota

5/13/49 - Gift - Nutting Truck + Caster Co

FLOOR TRUCK LEADERSHIP SINCE 1891

NUTTING 2-WHEEL TRUCKS For EVERY PURPOSE

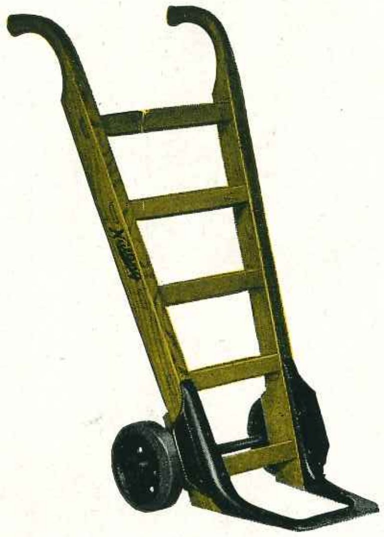


Fig. 40

Large popular bag truck. Smooth steam bent hickory handles and cast steel nose. No sharp edges to damage loads. Strong, sturdy construction to give long service.

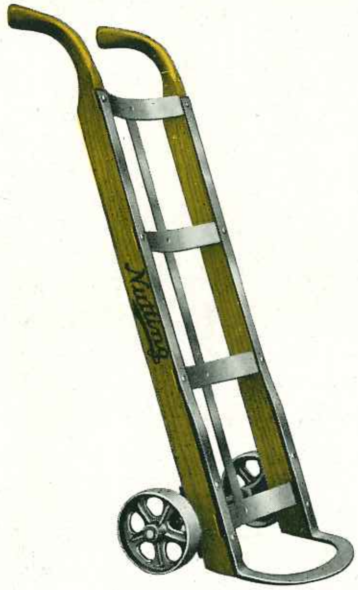


Fig. 77A

Cheese and butter truck designed for handling butter tubs. Parallel frame with thin edge nose having rounded corners. Can also handle egg cases and cheese or butter boxes.

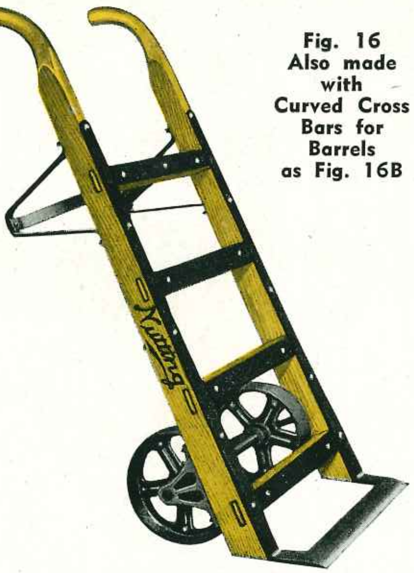


Fig. 16

Strong mortised frame construction. Steam bent hickory handles fully protected by steel strapping. Parallel frame with wheels mounted inside axle reinforced with pipe spacer.

Fig. 16
Also made
with
Curved Cross
Bars for
Barrels
as Fig. 16B

The two-wheel trucks shown below are designed for handling case goods, boxes, kegs and all types of packaged goods. Light in weight but sturdy and strong. Steel designs are arc welded throughout. Wood trucks have steam bent, tough hickory handles; bolted construction and smooth finish.

All Dimensions Are Given in Inches.					Semi-Steel Wheels					
Figure	Length of Handles	Overall Width	Width at Nose	Length of Nose	Ref. No.	Diam. & Face	(At Wheel) Diam. Axle	Appox. Wght. Lbs.	Code Word With Metal Whls	Rubber Tired Wheels
2	47	18½	15	5	N5S	5x1½	⅝	20	Bock	RS5
2A	Same as Fig. 2 except 7″ nose length.								Bokc	
16-12	52	20	20	4⅝	N8HS	8x2¼	⅞	70	Badge	N8HRD
16-13L	56	22	22	6	B9	9x2⅜	1	90	Bake	RK9
23-A	46	19	13	7	A6	6x1¾	⅝	40	Darby	RS6
31-1	47	19	12	5	N5S	5x1½	⅝	25	Daisy	RS5
31-1A	47	19	12	7	N5S	5x1½	⅝	26	Dawn	RS5
40	52	20	12	9	N8HS	8x2¼	⅞	55	Bagwc	N8HRD
45	48	16	11	4½	N5S	5x1½	⅝	20	Unive	RS5
52	48	16½	12	5	A6	6x1¾	⅝	25	Dame	RS6
52A	Same as Fig 52 except 7″ nose length.								Damp	
77A	56	23	16	6¾	B9	9x2⅜	1	70	Bemba	RK9

NOTE: Rubber tired wheels of type shown in last column are furnished when specified. Add "Rubbr" to code word. Roller bearings standard in all wheels except Solid Rubber "RS" which have "Durex" self-lubricating bearings.

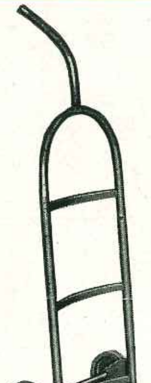


Fig. 2

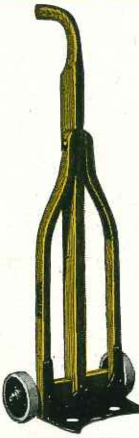


Fig. 45

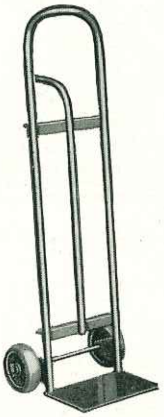


Fig. 52

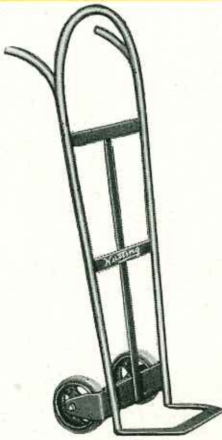


Fig. 23-A

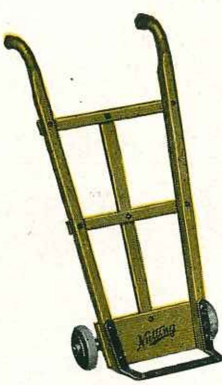


Fig. 31

SPECIAL DUTY 2-WHEEL TRUCKS

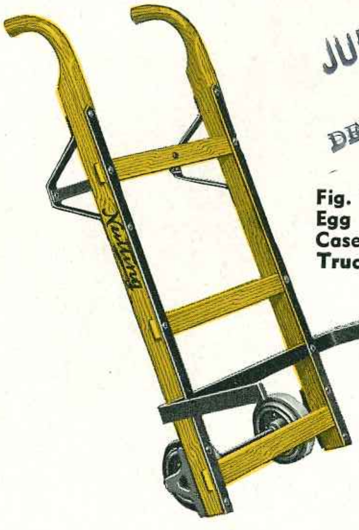


Fig. 93A Egg Case Truck

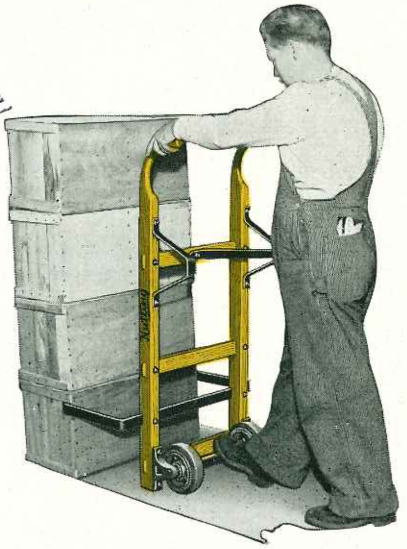


Fig. 93A in Action

The Fig. 93 Egg Case truck will move stacks of cases quickly and without breakage. The steel arms slip under the top end cleats of an egg case or similar crate. Standard width between arms is 25" with top of arms 10⅞" from floor. Mortised hardwood frame with steam bent hickory handles.

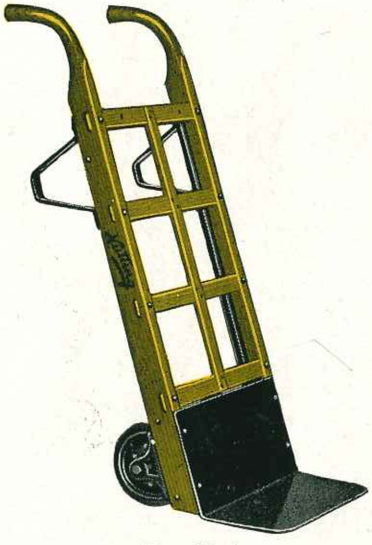


Fig. 29-A Cement Bag Truck

Fig. 29-A truck made in two sizes. Ideal for handling cement, fertilizer and other products. Flat or curved up nose optional—specify which is desired. Smooth heavy plate nose with rounded corners. Hickory handles—steam bent.

All Dimensions Are Given in Inches.

Figure	Length of Handles	Overall Width	Width at Nose	Length of Nose	Semi-Steel Wheels Ref. No.	Diam. & Face	(At Wheel) Diam. Axle	Appox. Wght. Lbs.	Code Word With Metal Whls	Rubber Tired Wheels
5	37	14	8		J4	4 x1½	⅝	17	Hark	RS4
16-12GLF	52	20	20	8½	N8HS	8 x2¼	⅞	80	Bafle	N8HRD
29-1A	54	20	20	8	N8HS	8 x2¼	⅞	85	Bagul	N8HRD
29-2A	60	20	20	8	N8HS	8 x2¼	⅞	90	Bagbr	N8HRD
93A	52	26	20	12½	N8HS	8 x2¼	⅞	60	Bemce	N8HRD
16-12CVS	52	20	20	4⅝	N8HS	8 x2¼	⅞	80	Balko	N8HRD

NOTE: Rubber tired wheels of type shown in last column are furnished when specified. Add "Rubbr" to code word. Roller bearings standard in all wheels except Solid Rubber "RS" which have "Durex" self-lubricating bearings.

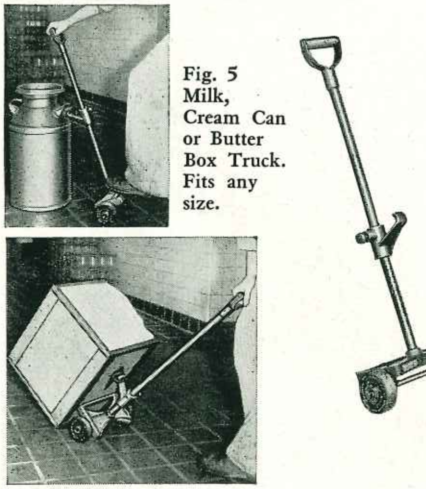


Fig. 5 Milk, Cream Can or Butter Box Truck. Fits any size.

Fig. 5 is the quickest, safest way to handle single butter boxes and milk or cream cans. The sliding hook has several adjustments which can be made in an instant. All steel except for circular wood bumper for cans.

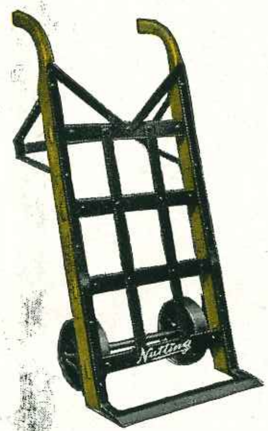


Fig. 16-12CVS Poduce Truck

The Fig. 16-12CVS is ideal for produce crates and small packages. The "V" bar and double center straps permit high loading and prevent small packages from falling through. Hardwood frame with steel strapping. Smooth finish. Same arrangement available on Fig. 16-13L truck.

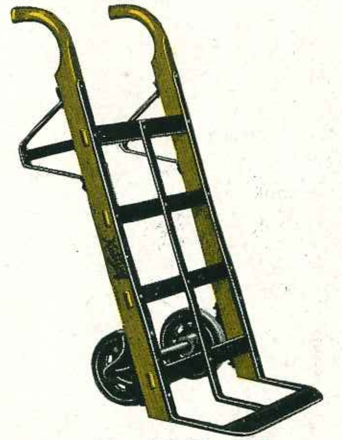


Fig. 16-12 GLF Popular for Bags.

The Fig. 16-12GLF is a very popular parallel frame truck for handling feed and boxes and crates of all types. Long well built nose with rounded corners and center strap. Mortised frame, hickory handles, full steel strapping.

Operator ready to engage hook in hand hole of bottom milk case. Supporting rack to be pushed up against cases after fastening hook. In the close-up view (below) the adjustable hook that easily fits the hand hole of any bottle crate made, is shown just before engaging the hand hole.

Nutting

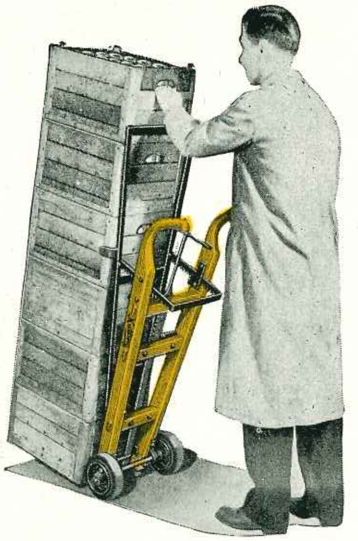
MILK CASE TRUCK

For Speedy and Efficient Milk Case Handling . . .

The **Nutting** Milk Case Truck is designed for handling any make milk cases, either half pint, pint, quart, half gallon, or gallon sizes with full or empty milk bottles. This truck is the invention of a prominent milk dealer to avoid slow and expensive hand moving. Thousands have given several years actual use under all conditions. The savings rapidly pay for it.

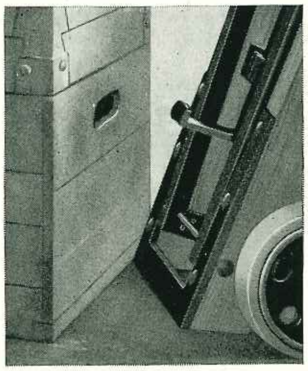
One man easily trucks from six to eight quart cases, or pint cases, with full or empty bottles. The lever having the hook nose on it is set into the hand hole of the case and drawn up and locked in position by a spring plunger; the case support is pushed up flush against the cases and the truck is tipped backward with the load on it and moved where wanted.

In setting the load down the cases can be put into a corner formed by other cases, without trouble, so that the piles of cases are touching, thus using a minimum amount of space. The load is released by a simple movement of the hand against the lever. As there is no nose to insert beneath the cases, no tipping, pushing or pulling is needed to set exactly where wanted.



Operator starting to wheel an entire stack quickly and easily. Thousands in daily use by milk plant employees.

Below—Closeup view of adjustable hook in position to engage hand hole of milk case.



NOTE:
Fig. 95A truck is also suitable for wire cases. When ordering specify if for wire cases, otherwise the truck will be furnished for wood cases.

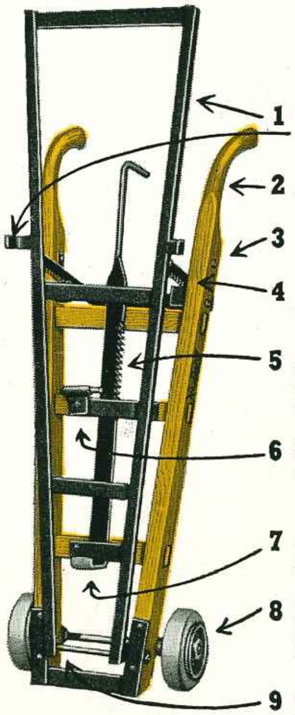


Fig. 95A

FEATURES

1. Rack holds cases at easiest angle, also has "ears" to hold load steady.
2. Steam bent hickory handles.
3. Heavy hardwood frame.
4. Rack Adjustment Teeth to instantly set rack at proper angle.
5. Adjustment Bar with teeth to set Hook at proper height for any milk case made.
6. Spring plunger to hold Adjustment Bar positively against Bar Dog Plate.
7. Adjustable Hook fits handhole of any milk case made.
8. Large heavy duty demountable rubber tired wheels set for proper balance of truck.
9. Rack has adjustable holes so rack can fit tightly against all types of cases.

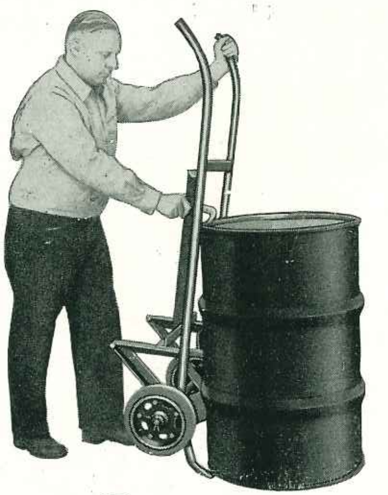
Durex or Plain Bearings with either Metal or long-wearing Rubber Tired Wheels.

SPECIFICATIONS

Fig. No.	Length Handles	Dia. and Face Wheels	Weight	Code Word
95A Metal Wheels	52	7 x2	60	Hogan
95A Rubber Tired, Wide, RK type		7 x2¼	60	Hogaf

DRUM AND BARREL HANDLING EQUIPMENT

HANDY "ONE-MAN" DRUM AND BARREL TRUCKS



NUTTING FIG. 100

With Adjustable Hook to Hold Drum or Barrel

The hook which drops over edge of drum or barrel is adjustable for various heights.

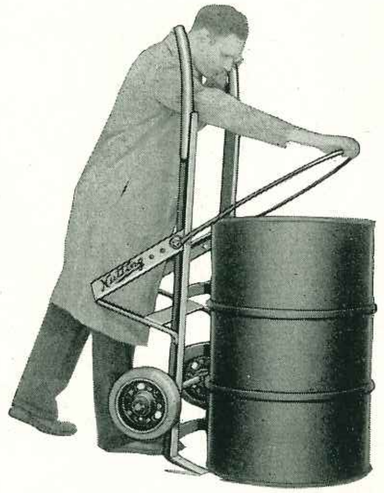
Rather than pull a drum onto a truck by hand, it's a lot easier to take advantage of the leverage the truck itself gives you. The handling of Fig. 100 is so simple that the operator does not have to touch the barrel or drum; just place truck nose prongs against the drum, drop the hook over the chime or edge, and pull the truck back to the wheeling position. The hook pulls the drum onto the nose and holds it securely in place. Fig. 100 is unusually light but capable of handling heavy loads. If necessary to stop, the triangular legs hold the truck in a handy position to pick up again.

SPECIFICATIONS FIG. 100

Hndle Lgth	Nose Wdth	Overall Wdth	Metal Wheels	Weight	Code
60"	19"	24"	10x2⅜" (C10)	75 lbs.	Broll

Easy Rolling

The loaded truck is perfectly balanced for ease of handling with average size drum or barrel.



NUTTING FIG. 510

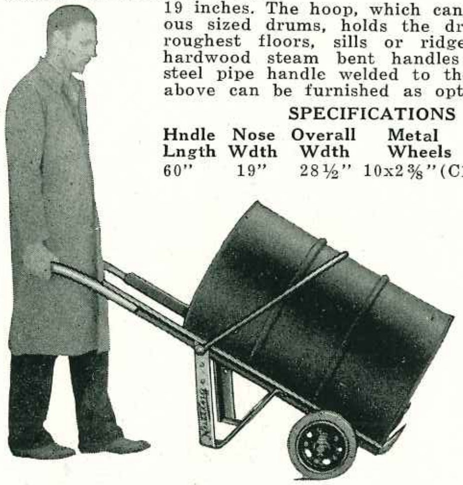
Hoop Holds Barrel or Drum Securely on Inclines or Roughest Floors.

Hoop is dropped easily over drum by the operator as he places the truck nose against the drum.

This sturdy truck carries heaviest loads with minimum effort because of its perfect balance. Its extremely easy rolling is due to pressure lubricated roller bearing wheels. Drums or barrels can be stacked close together, as the width of truck frame is only 19 inches. The hoop, which can be adjusted for various sized drums, holds the drum securely over the roughest floors, sills or ridges. Metal wheels and hardwood steam bent handles are standard. A 1" steel pipe handle welded to the frame as illustrated above can be furnished as optional equipment.

SPECIFICATIONS FIG. 510

Hndle Lngth	Nose Wdth	Overall Wdth	Metal Wheels	Weight	Code
60"	19"	28½"	10x2⅜"(C10)	110 lbs.	Barrl



Perfect Balance

Note how evenly a line drawn straight up from the wheel hub divides the load. All the man has to do is push, and with this truck it's an easy job.

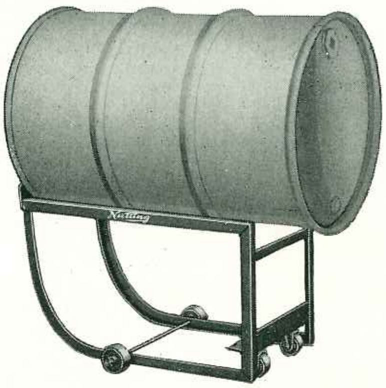


Fig. 526-A Drum in drain position.

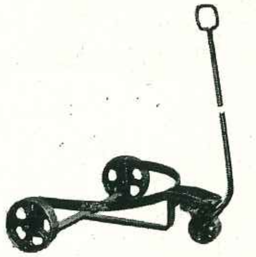
Drum & Barrel Rack

Designed for storing and draining drums, barrels and similar containers. Welded steel angle frame, with or without wheels. Two swivel casters No. 325 and two A3 wheels. One man can load a drum on this rack by inserting nose of rack under the drum and rock to horizontal drain position. Made in two heights, 18" and 24" with ½" pitch to the drain end. Capacity up to 55 gal. drum.

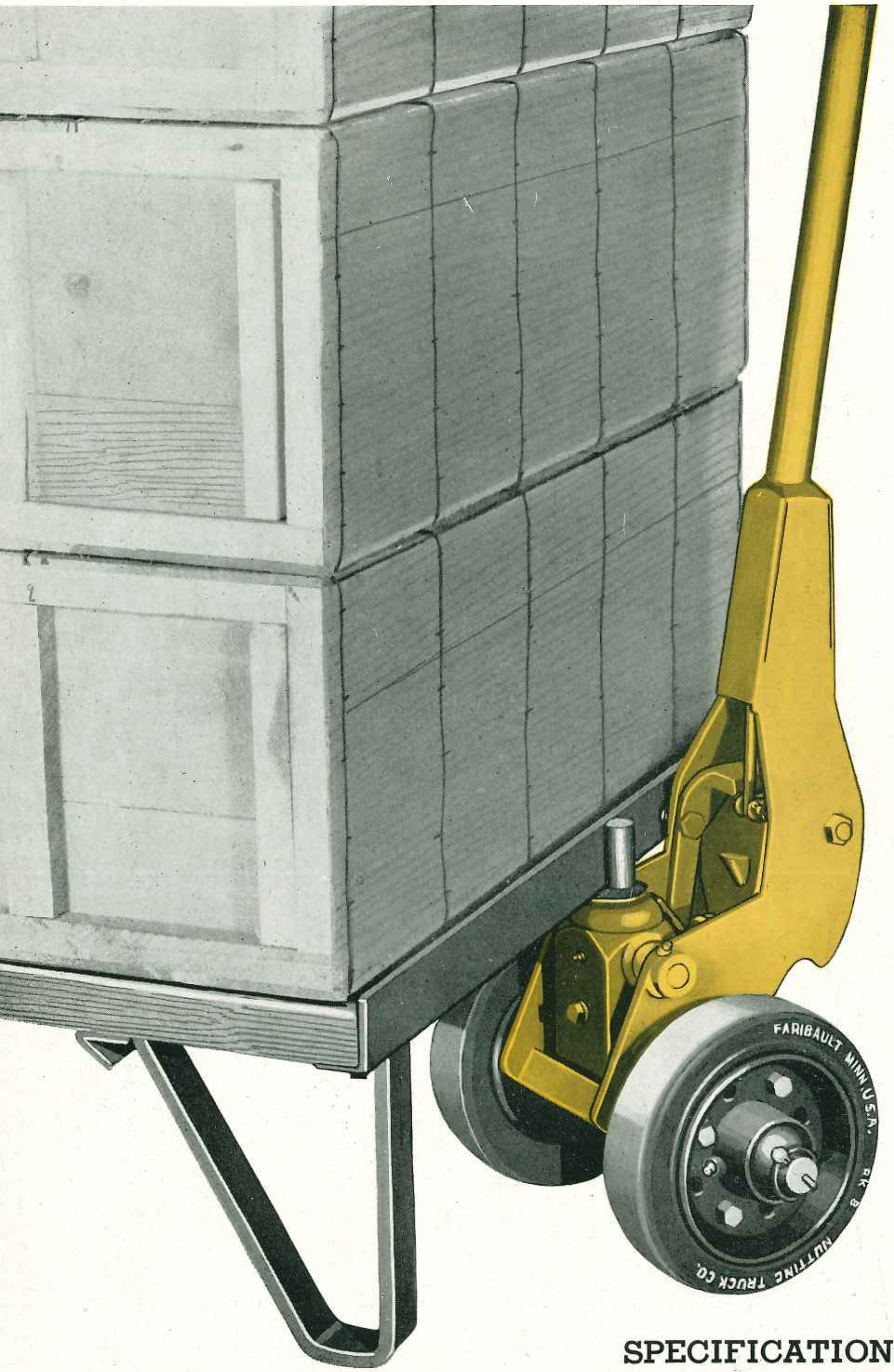
Figure	Height	Wheels	Weight	Code Word
526	18	No	32	Skihb
526	24	No	36	Skiic
526A	18	Yes	38	Skijs
526A	24	Yes	42	Skiky

FIG. 546 OPEN BARREL TRUCK

Open barrels up to 24" diameter, with liquid contents can be handled on this truck in an upright position. Steel frame with pull handle attached to a ball bearing swivel caster with 4x1½" (J4) wheels. Main wheels 7x2" (B7) on ¾" axle. Weight 45 lbs. Code word, Bemhm.



THE NUTTING JACK + NUTTING SKIDS = LOW COST MATERIAL HANDLING



The NUTTING JACK Is Outstanding For Rugged, Fool-Proof Construction and Ease of Operation

The Nutting Fig. 419 Jack was not placed on the market until a careful survey had been made of all the possible requirements of safety, convenience and ease of operation that such a mechanism must satisfy. Then Nutting engineers developed a Jack of unique simplicity and efficiency, which quickly demonstrates its superiority in any test of actual use.

The Only Mechanical Jack with NO SPRINGS

Here is a positive, definite advantage which only the Nutting Jack can give you. It is operated entirely by gravity and leverage. With no springs to break, there is no danger of the unit suddenly being put out of commission until replacement can be made. Permanent dependability and uniform ease of operation cannot be affected by temperature changes or the action of corrosive elements, both of which reduce the life of springs.

NOTE THESE IMPORTANT FEATURES

1. Complete control of load at all times while locking or unlocking Jack and skid.
2. Easy swiveling under maximum load assured by double set of ball bearings in socket block.
3. Extreme range of tongue positions makes possible very short turns, whether pulling load, or pushing it with tongue in vertical position. A high vertical load is easily handled.
4. The tongue can be latched in vertical position.
5. The positive stand of the unattached Jack, with tongue in vertical position, making it possible to place it in a corner or against the wall, thereby requiring minimum floor space.
6. The extra high lift of the Nutting Jack permits easy movement up or down steep ramps or over high thresholds without the skid legs striking.
7. The aluminum color of the Jack makes it easy to locate in dark aisles or corners, saving time for the trucker.
8. The Nutting Jack and Skid are interchangeable in use with several other makes.

SPECIFICATIONS

Tongue: One inch extra strong wrought iron pipe.

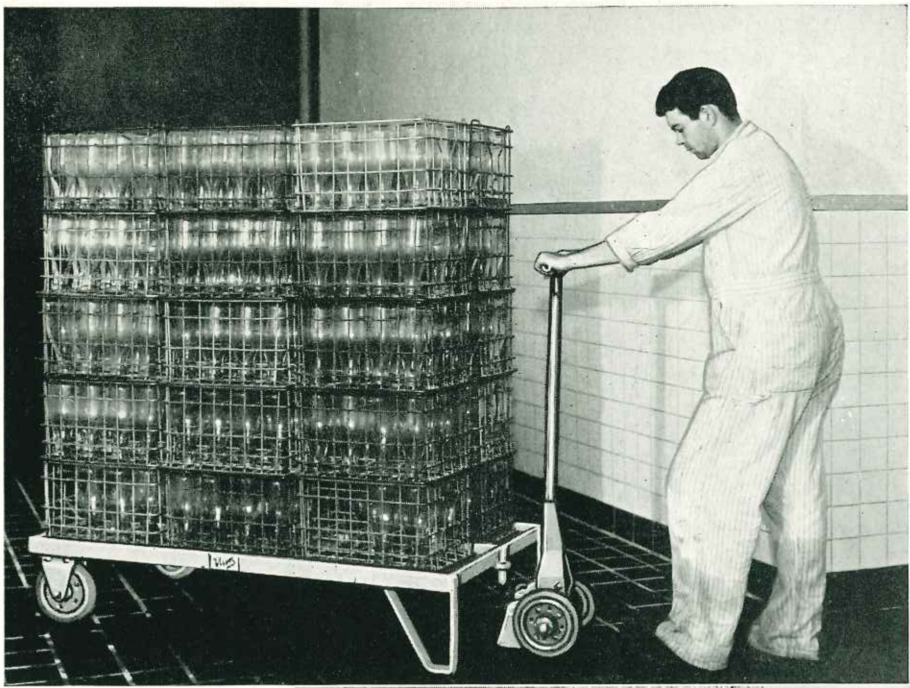
Socket Assembly: Case hardened steel throughout, with double set of ball bearings. Self-cleaning socket.

Main Axle: One inch cold rolled steel.

Wheels: Eight inches in diameter, with roller bearings and outer sleeves. Spaced nine inches center to center, assuring stability of load. Semi-steel wheels or Nutting RK type heavy duty with demountable rubber tires.

Lubrication: Fittings for pressure lubrication at all points of maximum wear.

Shipping Weight: 62 lbs.

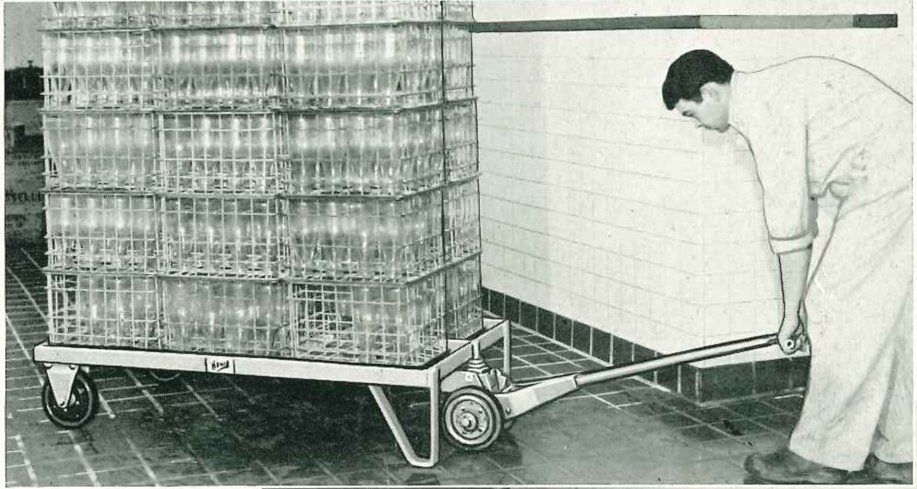


Nutting

DAIRY LIVE SKID TRUCK AND JACK

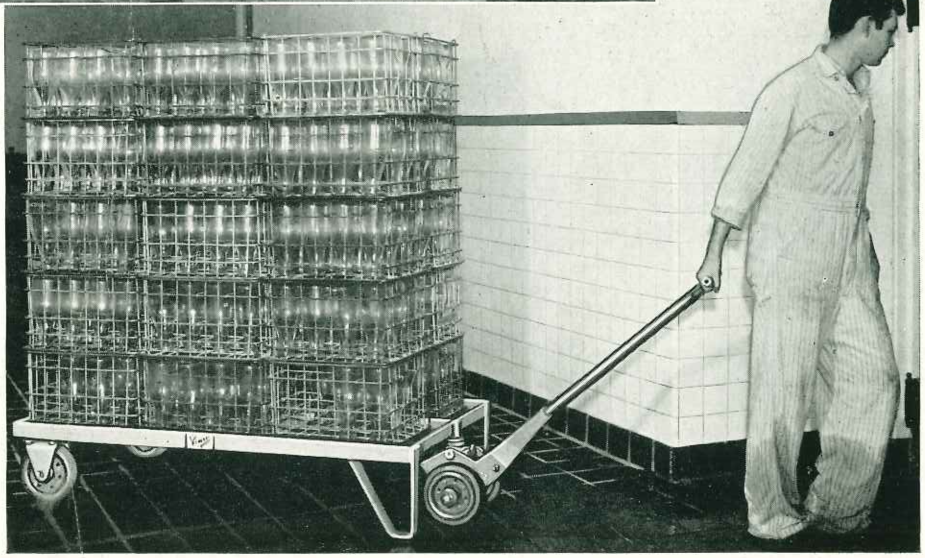
Dairy Live Skids Co-ordinate With the Nutting Fig. 419 Jack to Provide a Modern Efficient System for Handling Milk Cases

These live skids are designed especially for dairy use. They are available in two sizes, 6 case and 8 case. Each size accommodates 6 or 8 cases, respectively, directly on its surface. Additional layers of cases may be stacked as high as convenient. The 6 case skids are built to bring the advantages of the system to dairies in which the doors are too narrow for the larger platforms. Illustration shows Fig. 419 jack and Fig. 151 case skid equipped with wood deck set.



WOOD DECKS FOR DAIRY SKIDS

Nutting dairy skids can be equipped with slatted wood decks so that they may be used not only for handling milk cases, but also for transporting butter, ice cream or any other dairy products or supplies. The decks are of select hardwood. The spacing between boards is ample to permit perfect circulation of air through the load. These deck sets are extra equipment.



CONSTRUCTION

Steel angles are arc welded into a single unit to provide a sturdy, long lasting frame. Two lengthwise center angles reinforce the frame and assure proper spacing of cases.

WHEEL EQUIPMENT

Eight-inch diameter roller bearing semi-steel iron wheels N8HS are standard. Wheel bearings are equipped with grease fittings.

Roller bearing, rubber tired wheels are available.

FINISH

Rust resisting cadmium plate throughout, standard. Aluminum bronze finish, optional.

DIMENSIONS

		Platform Size	Code Word
Fig. 151	Six case skid	30½x57½	Case
Fig. 151	Eight case skid	38½x60½	Cream
*Fig. 151-N	Eight case skid	31¾x51½	Squar

*** Note—Last size added to handle new style cases for square bottles.**

MILK CASE DOLLY

(For one, two and three stacks only)

Utility: Stacks of full or empty milk cases (bottle crates), can be loaded on this truck, saving labor and space, reducing breakage and eliminating wear on case bottoms. Made for single, double, or triple stacks of milk bottle cases. "A set of wheels for every stack"—is what this truck really is.

Running Gear: Four No. 530 ball bearing swivel plate casters, having 3x1½" (A3) wheels. Casters securely bolted to truck. The double and triple stack sizes use No. 540 casters with 4x1½" (J4) wheels.

Frame: Formed of heavy steel, with extra cross member for two and three stack dollies, to fit any milk bottle case made. Standard finish, rust resisting cadmium plated.

*** Note new sizes added to handle new type cases for square bottles.**

Figure	*Size Frame	No. Stacks	Size Caster Wheel Diam. & Face	Weight	Code Word
*154-N	12¾x15⅝	1	3x1½	14	Havab
154	15x19	1	3x1½	16	Haven
*154-NA	15⅝x25½	2	4x1½	22	Havit
154-A	19x30	2	4x1½	25	Havoc
*154-NB	15⅝x38¼	3	4x1½	26	Havpa
154-B	19x45	3	4x1½	30	Havry

NOTE: Also available with sheet steel bottom (having several perforations for draining) where sanitary regulations prohibit open frame dollies. See cut.

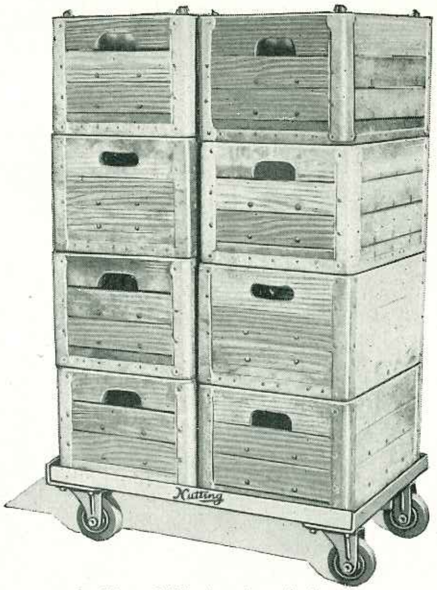


Fig. 154-A—Loaded

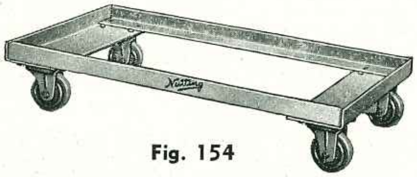
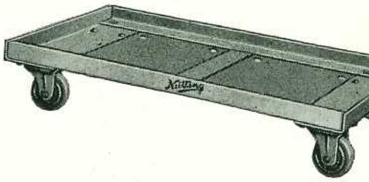


Fig. 154



STEEL FRAME BALANCE TYPE TRUCK

WOOD OR STEEL PLATFORM

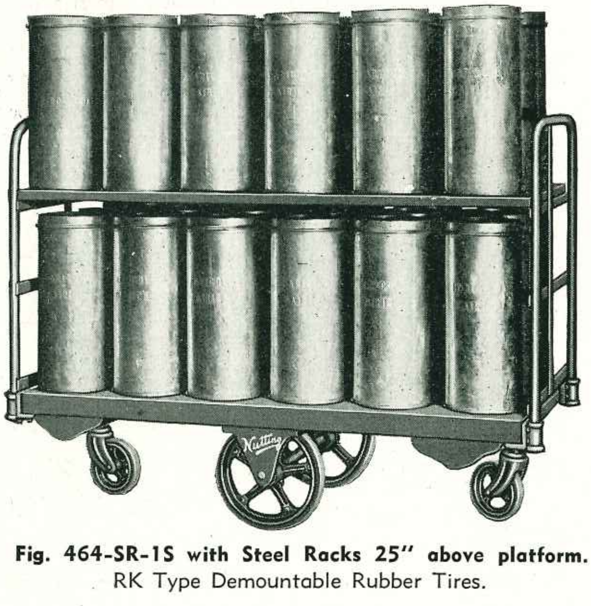


Fig. 464-SR-1S with Steel Racks 25" above platform.
RK Type Demountable Rubber Tires.

Figure 464-SR-1S

Utility: A standard truck that will serve several purposes around the modern ice cream plant for handling filled ice cream cans or other material. Illustration (left) loaded with 36 5-gallon ice cream cans.

Construction: Strong steel angles with deep side sections, the horizontal flanges V cut at corners and arc welded into a single unit, provide a sturdy, long lasting frame. Caster bolsters are formed of steel welded together in one piece. Smooth, flush top platform boards of one inch northern hardwood are steel bound on all edges by the angle frame. Wood sill fillers, beneath the platform, are bolted inside the angle frame along the sides, and all platforms have a lengthwise wood center sill, nails countersunk. Steel platform can be substituted for wood, but recommended only when wood cannot be used.

Platform: 16½" high above floor. Main wheel axle 1" diameter. All four wheels have roller bearings and grease fittings. Equipped with 14x2½" (J14) and 7x2" (B7) Semi-Steel Wheels.

Size Platform	Size Overall	Weight	Code Word
30x60	30x65	260	Stoke

RD type Demountable rubber tired, roller bearing R14D (14x2¼") main wheels and caster wheels—RK7 (7x2¼"), total capacity 1900 lbs., Code word, Ezpot.

RK type Heavy Duty Demountable rubber tired, roller bearing RK14 (14x3") main wheels and caster wheels—RK7-(a) (7x2¼"), total capacity 2800 lbs., Code word, Eznxw.

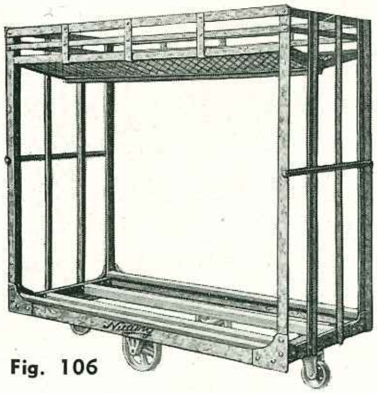


Fig. 106

EMPTY CAN TRUCKS

Can handling is one of the "little things" that may be very costly. And if it isn't done by the simplest, quickest means, the daily expense may run up to astonishing figures. The views to the right illustrate an efficient method with a minimum of handling. Dirty cans are piled to slant upward to keep contents from spilling. Washed cans are piled the opposite way to drain quickly.

A strong durable truck with angle steel construction braced with steel gussets and heavily rust-proofed throughout. Wood drain boards to avoid damage to cans. Main wheels 8x2¼" (N8HS). No. 550 ball-bearing swivel end casters with 5x1½" (N5S) wheels. All wheels have roller bearings and grease fittings.

The most widely used size is 30x64. The 22x64 size is designed for very narrow quarters and has half the capacity of the other sizes. It has one side completely closed with heavy wire mesh to prevent cans from sliding out. Also available with center partition for handling two rows of 2½ gallon cans. This model is identified as Fig. 106A.

The two large sizes each have a capacity of either 78 five-gallon, 96 three-gallon or 108 two-gallon cans and their covers.

Size Overall	Size Inside	Height Overall	Weight	Code Word
23x67	22x64	66	260	Canco
31x67	30x64	66	275	Camma
37x67	36x64	66	295	Campi

Center partition of galvanized heavy wire mesh, Code Word—Parti.
Rubber Tired Wheels, RD Demountable, Free Wheeling Type, 8" and 5" can be furnished—Add RDRUB to Code Word.

FULL CAN TRUCKS

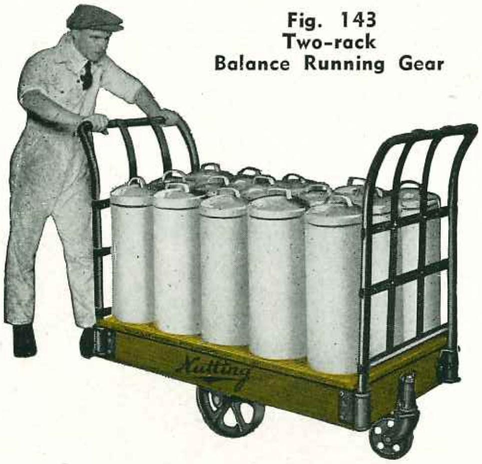


Fig. 143
Two-rack
Balance Running Gear

This illustration of Fig. 143 (left) loaded with 15 5-gallon ice cream cans illustrates how big loads of filled cans can be trucked from freezers to the hardening room and to the shipping platform, with the least amount of handling. Fig. 289 at lower right is designed for the same use. Both Fig. 143 and 289 have roller bearings and grease fittings in all 4 wheels. Main wheels are 12x2½" (N12) and the caster wheels 6x1¾" (A6). Hardwood interlocking frames and platforms. Steel slatted racks which can be removed if desired. Capacity 1500 to 2000 lbs. Other platform sizes can be furnished to fit any requirement.

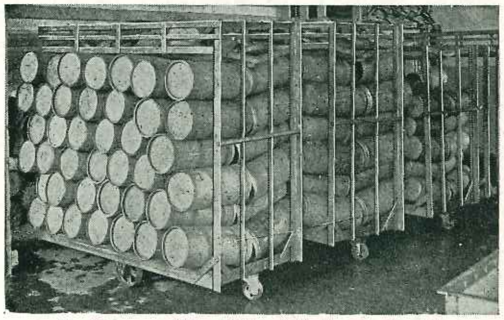
			Fig. 143		Fig. 289	
Size Platform	Size Overall	Capacity	Wght	Code Word	Wght	Code Word
27x48	27x56	15—5 gal. 9" cans	195	Pacha	215	Infar
27x54	27x62	18—5 gal. 9" cans	210	Pacib	230	Infir

Rubber Tired Wheels, RK Demountable, Free Wheeling Type, 12" and 6" can be furnished—Add RKRUB to Code Word.

Incoming Cans Placed on Can Truck
Covers Thrown on Top

Direct from Can Truck to Wasner

From Washer Right Back on Truck
Covers on Top



In Storage "On Wheels" Ready for Use

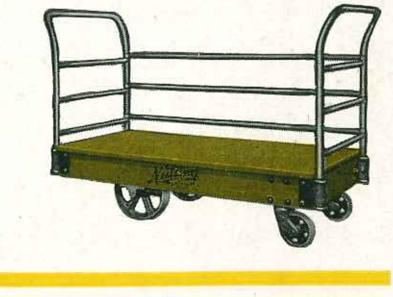


Fig. 289
Three Sides
Enclosed
Non-Tilt
Running Gear

FIG. 61—LOWEST PLATFORM and LIGHTEST DUTY

Non-Tilting Bar Handle Type

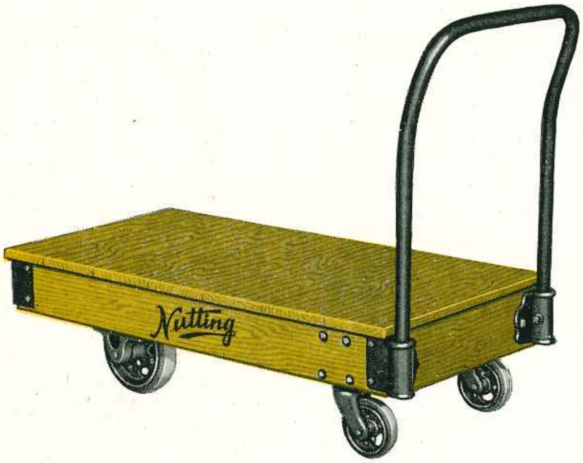


Fig. 61—4-Wheel Truck with 1000-2000 lbs. Capacity.

The low platform and light duty construction makes this a popular truck in almost every department of any business. The platform is 13" high of 1" hardwood stock.

The interlocking corner construction has pipe corner pockets at the caster end for the 1" steel pipe bar handle. This is removable or stationary by the use of set screws in the deep, steady anchorage of the corner pockets. The handle is approximately 36" high above the floor.

The 1000 to 2000 lbs. capacity running gear has 10x2½" (C10) main wheels on a 1" axle and ball bearing stem type swivel casters with 5x1½" (N5S) wheels. Roller bearings are standard in all four wheels. Rubber tired wheels, as described below, are available.

Platform Size	Size Overall	Weight	Code Word Metal Wheels
24x36	24x42	120	Cabba
24x42	24x48	125	Cabab
24x48	24x54	130	Carro
24x60	24x66	140	Carou
30x60	30x66	160	Carel

RK Heavy Duty rubber tired main wheels, RK10 (10x2½") and N5XRD (5x1½") caster wheels, 2300 lb. capacity. Code Word—Adean.

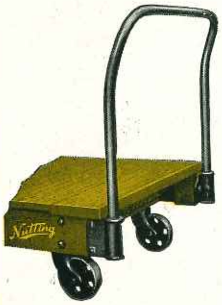


Fig. 407

SPECIAL END SILL CONSTRUCTION

This can be furnished on low bar handle trucks like Fig. 61. This type of truck is designed to push and operates easiest that way, but if the truck is pulled and the low sill interferes with the trucker's heels, this construction will remedy it. The regular end sill is set back a few inches with tie rods across and the end platform board is furnished in sill thickness.

Add Fig. 407 to Figure of truck selected and Code Word—Catro.

BAR HANDLE AND STAKE ARRANGEMENT

Fig. 427—In this construction, stake corner pockets replace the blank corner irons, and octagon hardwood stakes are supplied. Always specify truck this arrangement is to be furnished on, adding Fig. 427 and Code Word—Cralo.

Fig. 162—Another example of **Nutting** standard interchangeability, with two stakes replacing the bar handle. Specify truck this arrangement is to be furnished on, adding Fig. 162 and Code Word—Abab.

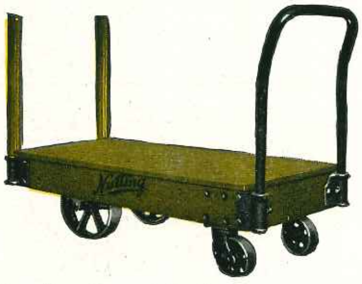
WOOD BOX ARRANGEMENT—Fig. 172

Box arrangement having the two ends stationary and either one or two sides removable, sliding in steel angle guides. The ends are bolted to upright pipes in corner pockets as shown.

Kiln dried 1" hardwood stock V jointed and smooth. In extra long trucks, side pockets are supplied on sills of truck to hold stakes or pipes as reinforcement of box.

Usual box height is 18" above platform. Always specify height required and truck this arrangement is to be furnished on, adding Fig. 172 and Code Word—Crava.

Fig. 427



Bar Handle and Stake Arrangement

Fig. 162
Non-Tilting
2-Stake Truck

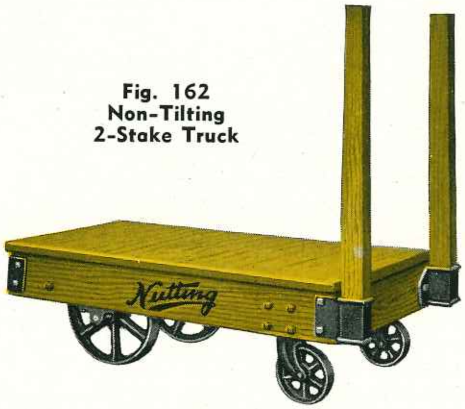
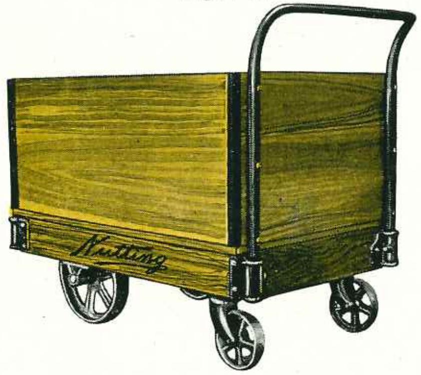


Fig. 172



4 Side Wood Box Body

FIGURE 53—MOST POPULAR · MEDIUM DUTY

Non-Tilting Bar Handle Type

The load rating on this truck covers the average range of load requirements in moving and storing raw materials and finished goods. For that reason it is the most popular truck of its type.

Typical **"Nutting"** interlocking frame and corner construction assures easy maintenance and long life. Removable bar handle approximately 37" above the floor is set in R and L corner irons and can be locked securely in position with set screws. Platform height from floor 13½".

All castings are of tough, long wearing semi-steel. Main wheels N12 (12x2½") on 1" axle and caster wheels A6 (6x1¾") in ball bearing stem type swivel casters. Rubber tired wheels as specified below are also available. Roller bearings in all four wheels are standard when rubber tired wheels are specified but plain bearing wheels are optional with semi-steel wheels.

4-Wheel Non-Tilting 4-Stake Truck

Any non-tilting bar handle truck can be equipped with 4 octagon stakes instead of the bar handle. An example of the interchangeable **Nutting** construction.

Fig. 19 uses the standard hardwood frame and platform with interlocking corners. Tapered corner stake pockets with octagon stakes 30" above platform.

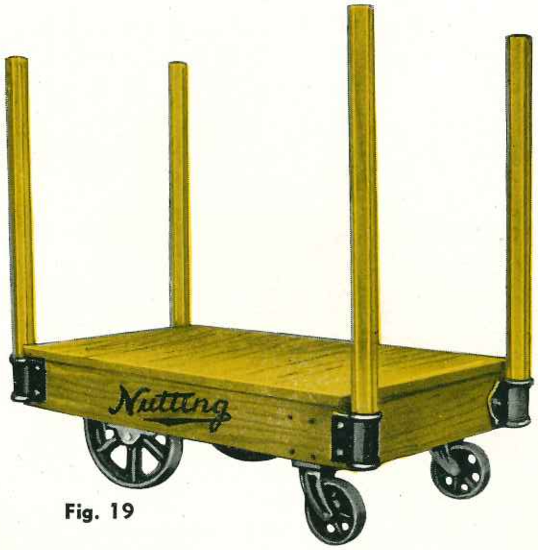


Fig. 19

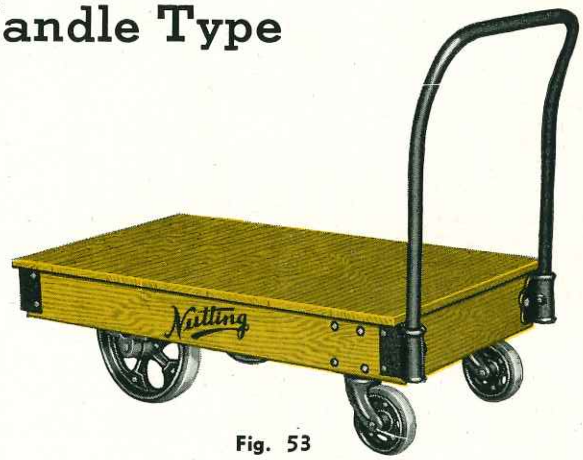


Fig. 53
(Sizes 0 to 8)
Capacity 2000-3000 lbs.

Size	Platform	Size Over All	Weight	Code Word
(0)	24x36	24x42	145	Seed
(1)	24x48	24x54	155	Salt
(4)	24x60	24x66	170	Soak
(2)	27x48	27x54	165	Soap
(3)	30x48	30x54	170	Sofa
(6)	30x60	30x66	185	Salve
(5)	36x48	36x54	170	Soul
(8)	36x60	36x66	200	Seal

RK Heavy Duty Demountable rubber tired RK6-(a) (6x2¼") caster wheels, with main wheels—

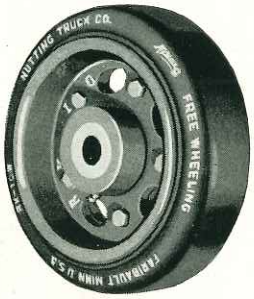
RK12N (12x2½") total capacity 2800 lbs., Code word, Bawox
RK12 (12x3") total capacity 3000 lbs., Code word, Bawam
RK12W (12x3½") total capacity 3400 lbs., Code word, Bawwa

THREE SIDED STEEL RACK ARRANGEMENT—Fig. 289

A steel slatted side rack bolted to two end racks, completely enclosing truck on three sides, as shown by this illustration, is a construction which can be furnished on any bar handle type truck.

Standard end racks are 32" above platform, side rack 21". Always specify truck this arrangement is to be furnished on by adding Fig. 289 and using Code Word—Stria.

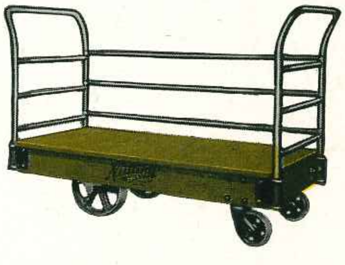
RUBBER TIRED WHEELS


NUTTING TRUCK CO.
FREE WHEELING
FARIBAULT MINN U.S.A.

Rubber tired wheels are popular with the **Nutting** "Free Wheeling" tires, a tough, wear resisting compound that is remarkably easy running.

RK Demountable Type

Fig. 289



Three Sided Steel Racks

FIGURE 136—AN "IN-BETWEEN" TRUCK
in the Non-Tilting Bar Handle Line

"In between" because it fills so many users' requirements between the popular Fig. 53 and Fig. 37 with its capacity of 2500 to 3500 lbs. and medium heavy duty wheel sizes. The platform is 16" above the floor and of 1" hardwood stock.

A crosswise caster bar and half size center sill are features. The bent out bar handle of 1" steel pipe is 39" above the floor, deeply anchored in pipe corner irons and stationary or removable by use of set screws.

All castings of Semi-Steel. Main wheels J14 (14x2½") on 1" axle and caster wheels B7 (7x2") in ball bearing stem type swivel casters. Rubber tired wheels, as described below, are available. All four wheels roller bearing.

Platform Size	Size Overall	Weight	Code Word Metal Wheels
30x48	30x54	185	Wopab
30x54	30x60	195	Wopba
30x60	30x66	205	Wopce
30x72	30x78	220	Wopdo
36x60	36x66	210	Wopef
36x72	36x78	225	Wopfd

RD Demountable R14D (14x2¼") and RK7 (7x2¼"), capacity 2500 lbs., Code word, Ezpot.

RK heavy duty Demountable rubber tired RK14 (14x3") and RK7-(a) (7x2¼") total capacity 3400 lbs., Code Word, Eznxw.

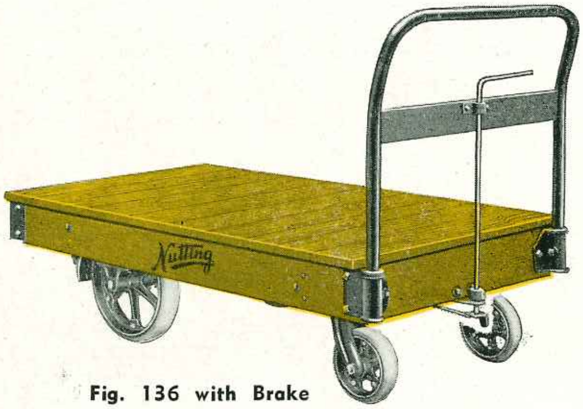


Fig. 136 with Brake

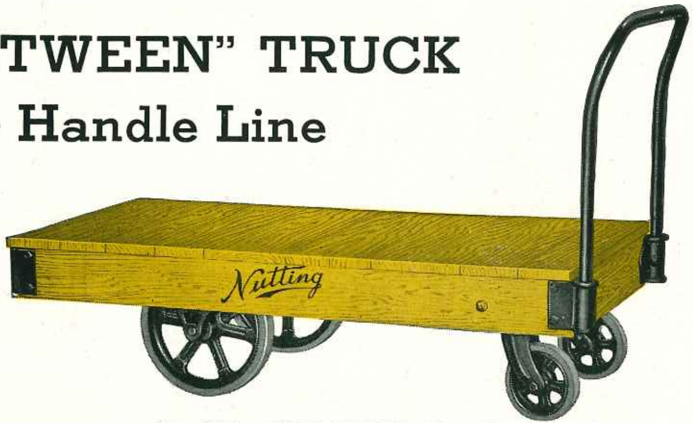
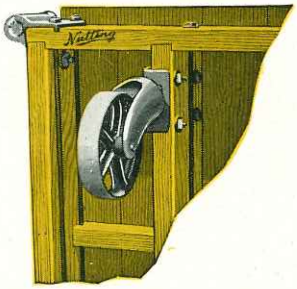


Fig. 136—2500-3500 lb. Capacity
Shown with Rubber Tired Wheels

BOTTOM VIEW OF FIG. 136 SHOWING CASTER BAR

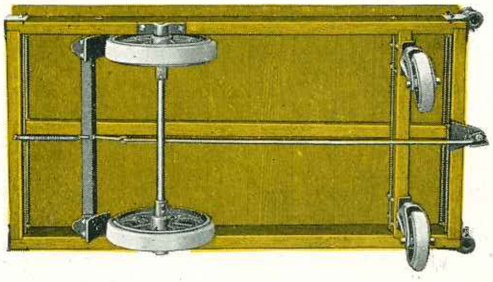


All sizes of Fig. 136 have the casters mounted on a heavy hardwood plank stock caster bar. This bar is anchored in slots on the side sills with crosswise steel tie rods. The stem caster is also anchored to the caster bar, not only with four bolts, but by a vertical rib on the socket, which fits into a slot in the bar. The shoulder on the bottom of the socket also supports the caster against the bottom of the caster bar.

BRAKES

The brake illustrated below is a valuable safety feature which is available on any bar handle or rack truck. It operates on a cam principle and will positively lock the main wheels thus preventing the truck from moving.

The upper part of the brake is usually shipped detached, but is easily assembled. Eliminate accident hazards by specifying this feature. It is especially valuable where trucks must be handled on ramps or other inclined surfaces. Code word, Brake.



Bottom View of Brake

FIGURE 37—THE LEADING HEAVY DUTY NON-TILTING BAR HANDLE TRUCK

This popular bar handle truck (non-tilting type) with all four wheels carrying the load, is suited for use on inclines as well as on level floors. Unusually high loads can be easily handled without sliding off, although any type of superstructure can be furnished.

Employing advanced engineering principles in design and construction, we have made this **Nutting** type truck the strongest, most durable and easiest running truck of its kind on the market.

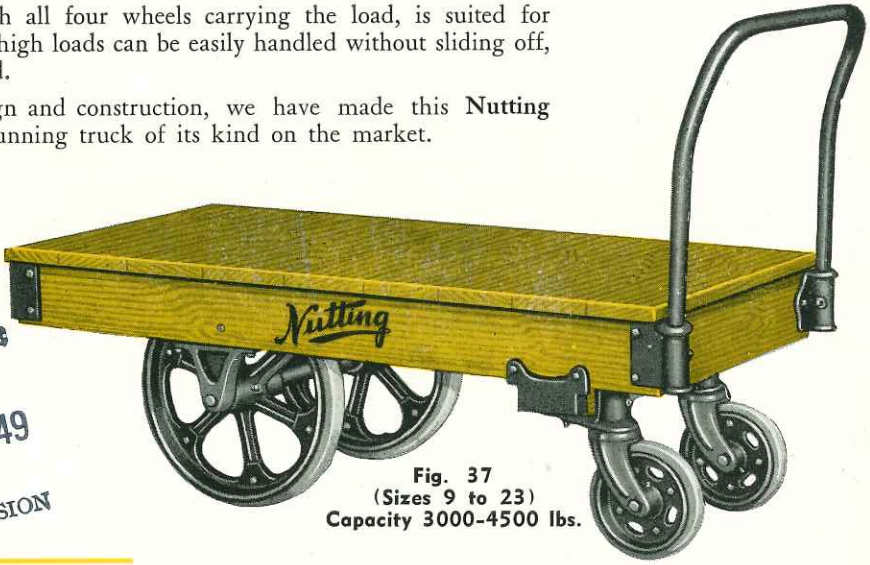


Fig. 37
(Sizes 9 to 23)
Capacity 3000-4500 lbs.

Fig. 37
(Sizes 9 to 23)
Platform Height—20 in.
Capacity 3000-4500 lbs.

Regular Duty
Main Wheels—A16 16x2½ in.
Caster Wheels—N8HS 8x2¼ in.

Heavy Duty
Main Wheels—B16 16x3¼ in.
These add 20 lbs. weight per truck. When wanted, add Code Word—Heavy.

Size	Platform	Size Over All	Weight	Code Word
(9)	24x48	24x54	215	Gallo
(18)	24x60	24x66	225	Glade
(19)	24x72	24x78	240	Gaze
(11)	30x48	30x54	240	Glove
(13)	30x54	30x60	250	Grock
(16)	30x60	30x66	260	Gluep
(20)	30x72	30x78	270	Ganno
(15)	36x48	36x54	250	Gendo
(21)	36x60	36x66	270	Genel
(17)	36x66	36x72	280	Grape
(22)	36x72	36x78	290	Goldy
(23)	36x96	36x102	320	Guelp

RK Heavy Duty Demountable rubber tired RK8-(a) (8x2½") caster wheels, with main wheels—
RK16 (16x3") total capacity 4000 lbs., Code word, Bzoiw

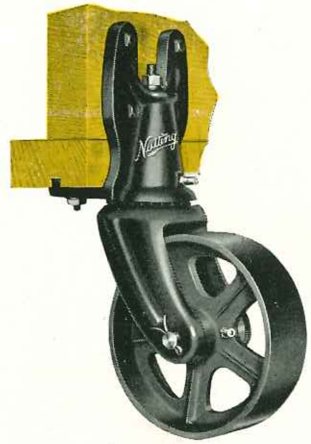
FRAME AND PLATFORM

The platform of 1" northern hardwood is fastened with countersunk nails, and is extremely durable, with a smoooth wearing table-like surface for the piling of goods. The frame is of 2x6" plank stock hardwood in vertical position for great strength. A lengthwise center sill of ½ size is standard in all sizes 30" and wider.

The interlocking frame corners are protected with corner irons, and there are no projecting bolt heads—no sharp projections—to catch or mutilate goods, or damage fixtures. The pipe bar handles are turned out for convenient hand grip.

SEMI-STEEL CASTINGS

All castings are of SEMI-STEEL—a tough wearing and breakage resisting metal that has been proven ideal for truck construction. Wheel faces are made broad and absolutely flat, but with edges slightly rounded to insure the least wear and tear on floors of all kinds and the least resistance in operation.



View of the Ell Type Caster Bar on Fig. 37 With 6 Bolts Attaching the Caster.

OUTSTANDING CASTER CONSTRUCTION

Ball bearing swivel casters, with tapered steel re-inforced stems, insure free and easy movement under any load without cramping or binding. The hardened steel balls will not drop out, as they roll in a deep lower ball race which is also an oil retainer, and a locked nut on the caster stem provides close adjustment for wear.

The caster is fastened directly to the truck in the **Nutting** construction. The caster bar on Fig. 37 needs no braces—it is dadoed into the truck frame, and cannot split out or come loose. The ell shape provides for fastening the caster on with six bolts, with the ribs on the caster socket taking the strain off the bolts.

MANY SUPERSTRUCTURES AVAILABLE

The interchangeability found in the standard **Nutting** construction can be used to advantage if the user requires something different than the bar handles on these trucks. The three preceding pages illustrate some of the superstructures that can be supplied, using standard equipment.

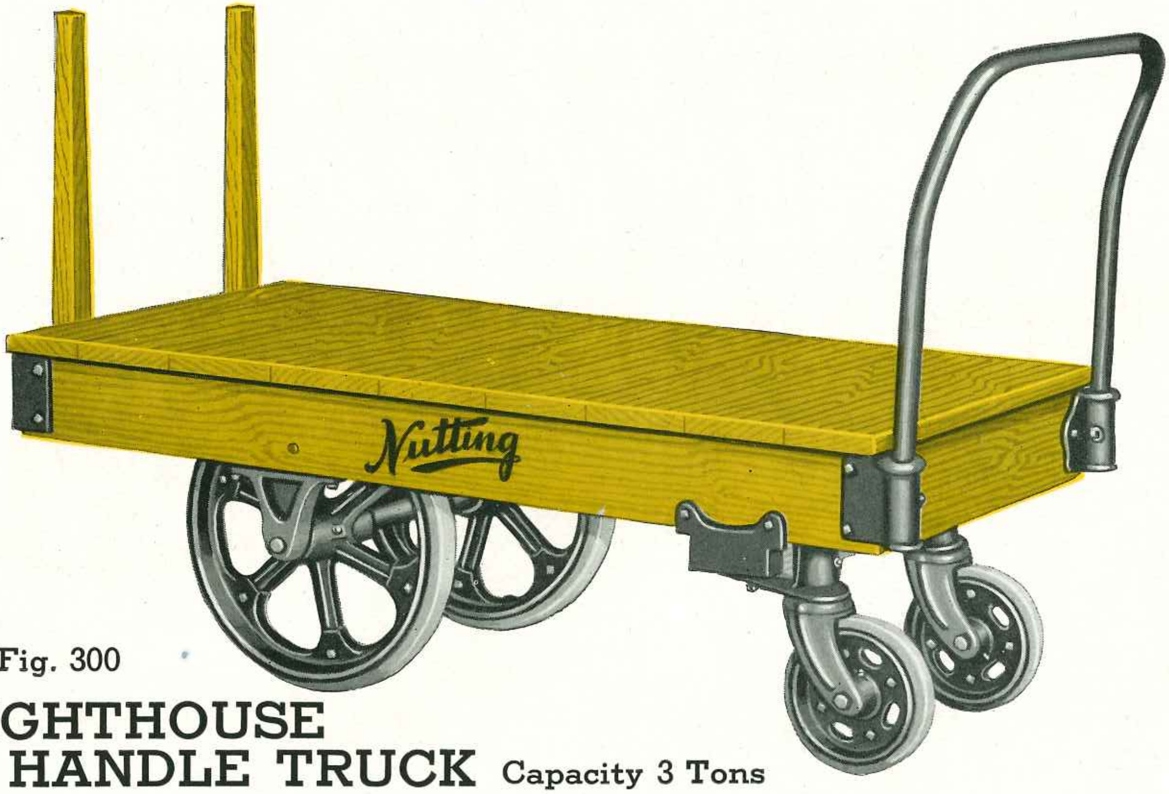


Fig. 300

FREIGHTHOUSE BAR HANDLE TRUCK Capacity 3 Tons

Standard equipment in freight houses, docks, warehouses, cold storage plants and factories with exceptionally heavy loads and severe service the usual occurrence.

The frame has 3 full size lengthwise sills and cross sills of 2x6" plank stock hardwood. Extra thick platform boards of 1¼" hardwood stock, nails countersunk and a smooth surface 20" high above the floor. The interlocking corner construction provides corner irons for protection and to anchor the 1" steel pipe bar handle, 23" above platform, turned out at top.

Rubber Tired Wheels

For the heavy service this truck encounters, the RK type rubber tired wheel is required. If rubber capacities are not enough for the load, dual main wheels may solve the problem.

Two removable flat hardwood stakes in pockets on main wheel end, 24" above platform.

All wheels roller bearing. Main wheels H18 (18x3½") on $1\frac{3}{16}$" axle supported by three axle boxes. Caster wheels A9 (9x3") in heavy duty ball bearing swivel casters, connected to caster bar with 6 bolts. Semi-Steel wheels or RK type rubber tired wheels.

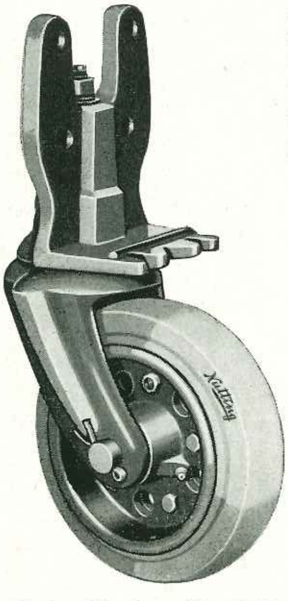
Platform Size	Size Overall	Weight	Code Word Metal Wheels
36x72	36x80	390	Supab
36x84	36x92	410	Supba
36x96	36x104	420	Supce
42x96	42x104	440	Supdo

RK Heavy Duty Demountable rubber tired, RK18W (18x3½") main wheels with caster wheels—

RK9 (9x2½") total capacity 4600 lbs. Code word, Fleuk.
RK9W (9x3") total capacity 4800 lbs. Code word, Fleom.

Outstanding Caster Bar Construction

Split or broken caster bars are unknown with the **Nutting** construction. Dadoed into the frame and made in ell shape, they become a part of the truck frame.



Caster Used on Fig. 300 When Equipped with RK Rubber Tired Wheels

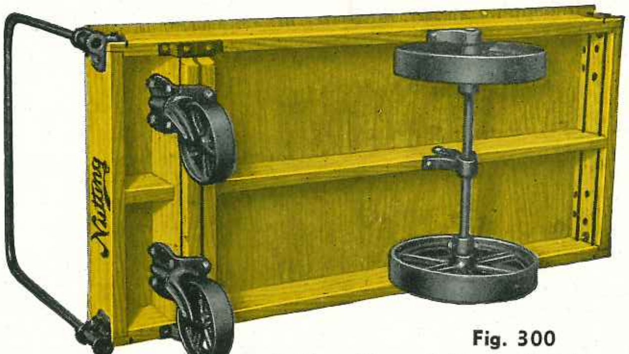
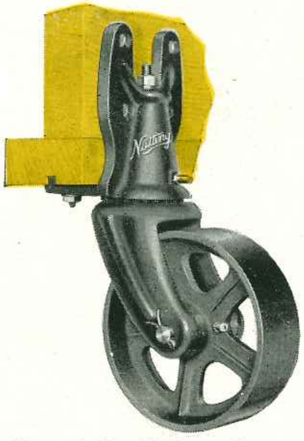


Fig. 300
Bottom View of Sturdy Build



View of the Ell Type Caster Bar on Fig. 300, with 6 Bolts Attaching Caster.

STEEL FRAME BAR HANDLE TRUCKS

Wood or Steel Platforms

AN EXTRA HANDLE OR STAKES AT THIS END—IF WANTED.

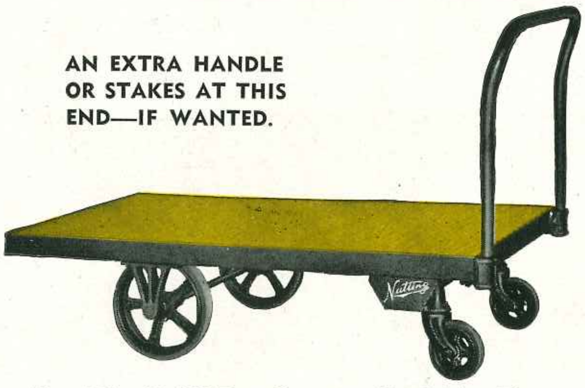


Fig. 452 with RK Type Demountable Rubber Tires.
Fig. 450 looks the same, but with smaller wheels.

Strong steel angles with deep side sections, the horizontal flanges V cut at corners and arc welded into a single unit, provide a sturdy, long lasting frame. Caster bolsters are formed of steel angles welded together in one piece with wide flat steel gusset plates at each end. Smooth, flush top platform boards of 1" northern hardwood stock are steel bound on all edges by the angle frame. Wood sill fillers, beneath the platform, are bolted inside the angle frame along the sides, and all platforms have a lengthwise hardwood center sill, nails countersunk. Steel platform can be substituted for wood, but recommended only when wood cannot be used.

Push handle at caster end is of 1" steel pipe, 25" above platform in Semi-Steel pockets. Set screws hold handles stationary. Steel slatted racks, or stakes can be furnished on one or both ends.

Roller bearings are standard in all four wheels, with grease fittings and grease retaining thrust washers. Lock washers are used on all bolts. While Semi-Steel wheels are standard equipment, rubber tired wheels are also furnished, with the **Nutting** "Free Wheeling" tires, a tough, wear resisting compound that is remarkably easy running.

Ball Bearing swivel casters with tapered steel reinforced stems, insure free and easy movement under any load without cramping or binding. The hardened steel balls roll in a deep lower ball race which is also an oil retainer. These stem casters are standard equipment because of their superiority in service, but plate casters are also available.

FIGURE 450 CAPACITY 1000-2000 LBS.

Equipped with C10 (10x2½") and N5S (5x1½") Semi-Steel Wheels

Platform 12½" high above floor. Main wheel axle 1" diameter. All four wheels have roller bearings and grease fittings. The standard stem type caster construction is recommended, but when truck is equipped with plate type swivel casters, it is described as Figure 450E. Plate casters are of Semi-Steel with double ball race and have 5x1½" Semi-Steel wheels.

		Code Word with Semi-Steel Wheels	
Platform Size	**Weight**	**Fig. 450 (Stem Caster)**	**Fig. 450E (Plate Caster)**
24x48"	150	Steab	Steda
24x60"	165	Stebo	Stefe
30x60"	180	Steci	Stegl

RK type Heavy Duty Demountable rubber tired, roller bearing main wheels, RK10 (10x2½") and N5XRD (5x1½") caster wheels, 2300 lb. capacity. Code Word, Adean.

FIGURE 452 CAPACITY 2000-3000 LBS.

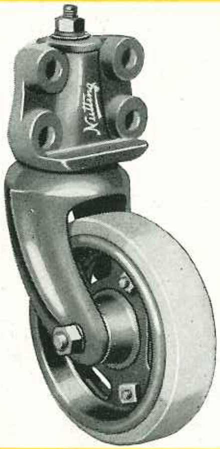
Equipped with N12 (12x2½") and A6 (6x1¾") Semi-Steel Wheels

Platform 14" high above floor. Main wheel axle 1" diameter. All four wheels have roller bearings and grease fittings. The standard stem type caster construction is recommended, but when truck is equipped with plate type swivel casters, it is described as Figure 452E. Plate casters are of Semi-Steel with double ball race and have 6x1¾" Semi-Steel wheels.

	Weight	Code Word With Semi-Steel Wheels	
Platform Size	**Fig. 452**	**(Stem Caster)**	**Fig. 452E (Plate Caster)**
24x48"	175	Stehg	Stenv
24x60"	190	Steih	Steog
30x60"	205	Stekf	Stegt
36x60"	220	Stelk	Sterx
36x72"	235	Stemo	Stezy

RK type Heavy Duty Demountable rubber tired, roller bearing RK6-(a) (6x2¼") caster wheels, with main wheels—

RK12N (12x2½") total capacity 2800 lbs., Code word, Bawox.
RK12 (12x3") total capacity 3000 lbs., Code word, Bawam.
RK12W (12x3½") total capacity 3400 lbs., Code word, Bawwa.



BALL BEARING TRUCK CASTERS OF SEMI-STEEL

●

THE LONG TAPERED AND REINFORCED STEM SWIVELS FREELY WITHOUT BINDING

●

AXLES MADE WITH BOLTS HAVING BEARING SLEEVES BETWEEN THE FORK SIDES

STANDARD ACCESSORIES AND CHANGES

These steel frame trucks can be equipped with standard parts such as bar handles at both ends, steel slatted end racks and stakes, without difficulty. Special superstructures can also be furnished to meet most handling problems.

STEEL FRAME BAR HANDLE TRUCKS

With Wood or Steel Platforms as Described on Opposite Page

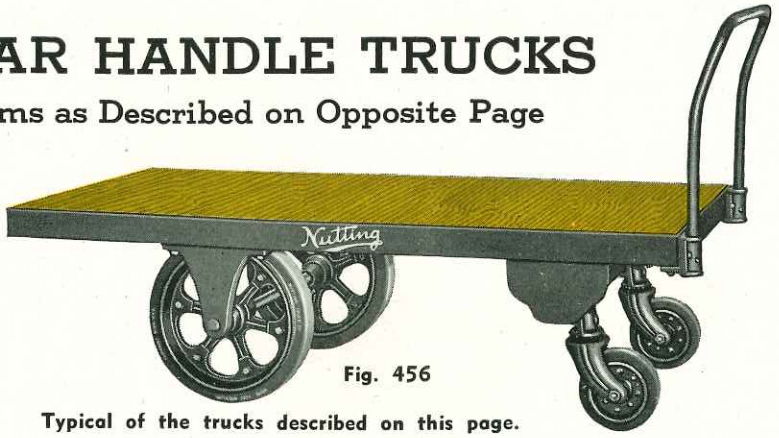


Fig. 456

Typical of the trucks described on this page.

FIGURE 454 CAPACITY 2500-3500 LBS.

Equipped with J14 (14x2½") and B7 (7x2") Semi-Steel Wheels

Platform 16" high above floor. Main wheel axle 1" diameter. All four wheels have roller bearings and grease fittings. The standard stem type caster construction is recommended, but when truck is equipped with plate type swivel casters, it is described as Figure 454E. Plate casters are Pressed Steel with double ball race and have B7 (7x2") Semi-Steel Wheels.

Platform Size	Weight	Code Word With Semi-Steel Wheels Fig. 454 (Stem Caster)	 Fig. 454E (Plate Caster)
24x60"	205	Stiad	Stigr
30x60"	220	Stica	Stilp
36x60"	235	Stibl	Stieh
36x72"	255	Stidk	Stitg

RD type Demountable rubber tired, R14D (14x2¼") main wheels and the following caster wheels—
RK7 (7x2¼") on 454, total capacity 2500 lbs., Code word, Ezpot

RK type Heavy Duty Demountable rubber tired, RK14 (14x3") main wheels and the following caster wheels—
RK7-(a) (7x2¼") on 454, total capacity 3400 lbs., Code word, Eznxw.

FIGURE 456 CAPACITY 3000-4000 LBS.

Regular Duty Semi-Steel Wheels A16 (16x2½") and N8HS (8x2¼")
Heavy Duty Semi-Steel Main Wheels B16 (16x3¼")

Platform 20" high above floor. Main wheel axle $1\frac{3}{16}$" diameter. All four wheels have roller bearings and grease fittings. The standard stem type caster construction is recommended, but when truck is equipped with plate type swivel casters, it is described as Figure 456E. Plate casters are of Semi-Steel with double ball race and have N8HS (8x2¼") Semi-Steel Wheels.

Platform Size	Weight With Reg. Duty Wheels	Code Word With Regular Duty Semi-Steel Wheels Fig. 456 (Stem Caster)	 Fig. 456E (Plate Caster)
30x60"	295	Stitw	Stivb
30x72"	305	Stiul	Stiyo
36x60"	310	Stihv	Stigx
36x72"	340	Stiof	Stiwm

Heavy Duty Wheels add 16 pounds weight to Figure 456 and 10 pounds on Figure 456E, Code word, Heavy.

RK type Heavy Duty Demountable rubber tired, RK8-(a) (8x2½") caster wheels with main wheels—
RK16 (16x3") total capacity 4000 lbs., Code word, Bzoiw

FIGURE 458 CAPACITY 6000 LBS.

Equipped with H18 (18x3½") and A9 (9x3") Semi-Steel Wheels

Platform 20½" high above floor. Lengthwise center angle frame member. Platform boards of 1¼" hardwood stock. Removable, flat wooden stakes at main wheel end of truck. Three axle boxes. Main wheel axle $1\frac{3}{16}$" diameter. All four wheels have roller bearings and grease fittings. The standard stem type caster construction is recommended, but when truck is equipped with Pressed Steel plate type swivel caster, it is described as Figure 458E.

Platform Size	Weight	Code Word Semi-Steel Wheels Fig. 458 (Stem Caster)	 Fig. 458E (Plate Caster)
36x72"	450	Steiz	Stixn

RK type Heavy Duty Demountable rubber tired, RK18W (18x3½") main wheels used with caster wheels—
RK9 (9x2½") total capacity 4600 lbs., Code word, Fleuk.
RK9W (9x3") total capacity 4800 lbs., Code word, Fleom.

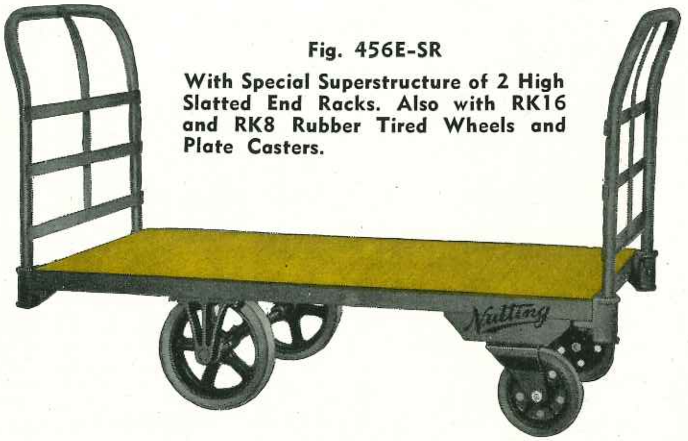
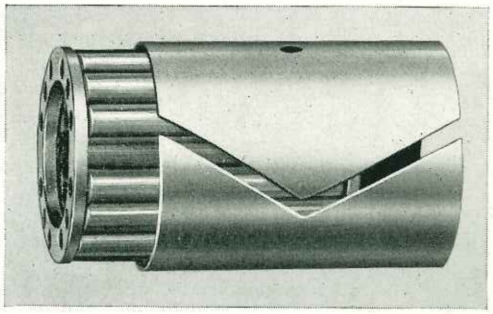


Fig. 456E-SR

With Special Superstructure of 2 High Slatted End Racks. Also with RK16 and RK8 Rubber Tired Wheels and Plate Casters.

ROLLER BEARING ASSEMBLIES

SOLID ROLLER BEARINGS



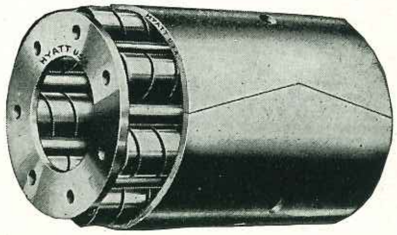
Solid Hardened Steel Rollers Assembled in a Rigid Cage with Hardened Split Outer Race

Solid roller bearings are of the cage type as illustrated, with solid steel rollers. These bearings are made in one unit, with the rollers kept in proper alignment and uniformly spaced by a cage or retainer.

This has two steel end rings, rigidly held together in parallel and concentric position by steel spacing bars, riveted to the end rings. Rollers are not removable after assembly in the cage.

In assembling the solid roller bearings in the wheel hub, a press fit grease retaining washer is pressed into each end of the hub.

SPIRAL ROLLER BEARINGS



Hardened Split Outer Race Is Standard

Spiral roller cage bearings have hollow, spirally wound, hardened steel rollers, and assembled alternately with right and left hand turns. This sweeps the lubricant back and forth across the bearing surface. The rollers revolve directly against an outer sleeve of hardened steel, furnished as a part of the bearing. Only made for 1" axles and larger.

HARDENED SPLIT OUTER RACE

Split outer races should be a push fit in the wheel bore, which fit will result from machining the bore to the limits shown in tables. The hub length should be ¼" longer (or more) than the bearing length given below, in order to have room for the press fit washer at each end.

SOLID ROLLER BEARINGS

Without Split Outer Race			With Split Outer Race
Axle Size	Bearing Length	Bore Required	Bore Required
⅜	× 1¼	¾"	13/16"
⅜	× 1½		
½	× 1½	1"	1 1/16"
½	× 1¾		
½	× 2		
½	× 2½		
⅝	× 1	1⅛"	1 3/16"
⅝	× 1½		
⅝	× 1¾		
⅝	× 2		
¾	× 1¼	1¼"	1 5/16"
¾	× 1½		
¾	× 1¾		
¾	× 2		
¾	× 2½		
⅞	× 2	1½"	1 9/16"
⅞	× 2½		
⅞	× 2¾		
⅞	× 3		
1	× 2	1⅝"	1 13/16"
1	× 2½		
1	× 3		
1	× 3½		
1	× 4		
1 3/16	× 2½	1 13/16"	2"
1 3/16	× 3		
1 3/16	× 3½		
1 3/16	× 4		
1¼	× 2	1⅞"	2"
1¼	× 3		
1¼	× 4		

SPIRAL ROLLER BEARING With Split Outer Race

Axle Size	Bearing Length	Bore Required
1	× 2	1 15/16"
1	× 2½	
1	× 3	
1	× 4	
1 3/16	× 3	2⅜"
1 3/16	× 4	
1¼	× 3	2 7/16"
1¼	× 4	
1¼	× 5	
1⅜	× 4	2 9/16"
1½	× 4	2 13/16"

SEMI-STEEL CASTINGS

Remarkable freedom from breakage—greater strength—longer life—exceptional resistance to wear—these are the important advantages of **Nutting** SEMI-STEEL wheels, casters, corner irons, and other cast parts.

Sledge hammer blows of much greater force than any truck is ever likely to receive during actual use, failed to break this standard **Nutting** Semi-Steel wheel.

The Truck Is Fig. 38. Note the Backbone

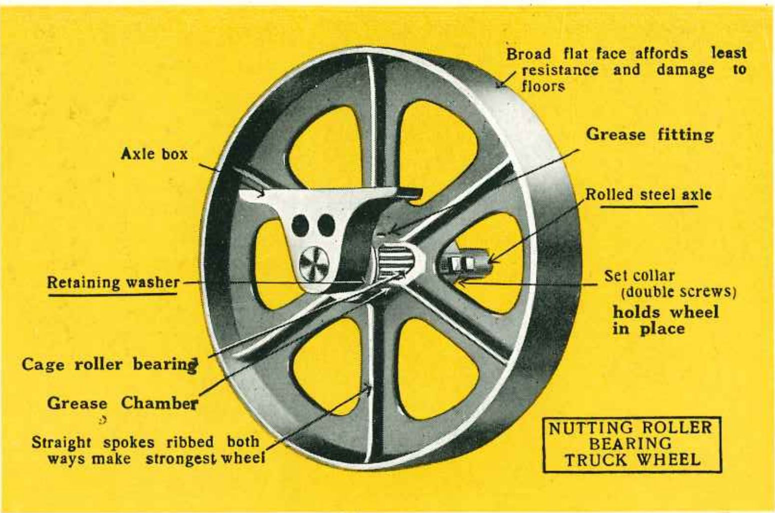
Nutting SEMI-STEEL is a special, close-grained metal of low, uniform carbon content, much stronger and tougher than cast iron. It stands the strain of heavy loads and severe bumps and bangs that would break ordinary cast iron.

Nutting SEMI-STEEL construction adds **years** to the life of **Nutting** Trucks, Casters and Wheels — prevents damage, trouble, and delays —gives a great reserve of strength and stamina, so necessary to withstand hard use and abuse year after year.

SEMI-STEEL TRUCK AND CASTER WHEELS

ILLUSTRATING ROLLER BEARING WHEEL

Bore dimensions are not shown, but the bore can be any diameter within limit of the hub diameter. A safe limit is ⅜" smaller than the hub diameter on wheels under 7" diameter and ½" smaller on larger diameters.


Broad flat face affords least resistance and damage to floors
Grease fitting
Axle box
Rolled steel axle
Retaining washer
Set collar (double screws) holds wheel in place
Cage roller bearing
Grease Chamber
Straight spokes ribbed both ways make strongest wheel
NUTTING ROLLER BEARING TRUCK WHEEL

Roller bearing wheels have hubs equipped with a press fit washer at each end to keep dirt out and grease in, with grease gun fittings. Bearing sizes are shown elsewhere. High pressure grease fittings and Dot fittings can be furnished on many sizes at a small additional charge.

Ref. No.	Diam.	Face	Hub Length	Hub Diam.	Weight	Code Word
D2 (a)	2½	1¼	1 9/16	11/16	⅞	Wefv
D2 (b)	2½	1¼	1 9/16	1⅛	⅞	Wefv
A3 (a)	3	1½	1 11/16	¾	1½	Wgit
A3 (b)	3	1½	1 11/16	1⅛	1½	Wgit
K3 (a)	3½	1½	1¾	15/16	2	Wnpm
K3 (b)	3½	1½	1¾	1 7/16	2	Wnpm
N3S	3¼	1½	1 11/16	1 11/16	1¾	Wprk
C4	4⅛	1⅝	1 15/16	1⅝	2½	Wsuh
D4	4⅝	1⅝	1 15/16	1⅝	3	Wtvg
F4	4⅛	2¼	2½	1⅜	3¾	Wvxe
J4 (a)	4	1½	1 11/16	15/16	1¾	Wzab
J4 (b)	4	1½	1 11/16	1 7/16	1¾	Wzab
M4	4	3	3¼	1 13/16	6	Wzbc
N4S	4	1½	1 11/16	1⅝	2½	Wyba
K5	5⅛	2⅜	2½	1⅝	5½	Wnln
N5S	5	1½	1 15/16	1 9/16	4	Wlmo
A6 (a)	6	1¾	2⅛	1⅝	5	Wjpr
A6 (b)	6	1¾	2½	1⅝	5	Wjpr
GH6	6¼	3½	4¼	3⅜	19	Wdra
*K6C	6	1⅛	1⅜	⅞	2	Wdvx
M6	6	2¼	2½	1⅞	6¼	Wcxy
N6HS (a)	6⅛	2⅜	2 15/16	2	7½	Wbyz
N6HS (b)	6⅛	2⅜	2 15/16	2⅜	7½	Wbyz
RN6	6	2½	3¼	2½	13	Wifp
B7 (a)	7	2	2¾	1¾	5¾	Wkhr
B7 (b)	7	2	2¾	2¼	5¾	Wkhr
N8S	8	1½	2 7/16	1¾	7	Wyue
N8HS (a)	8	2¼	3	2¼	11	Wzvf
N8HS (b)	8	2¼	3	2½	11	Wzvf
A9	9	3	3¼	2½	14	Wpef
B9	9	2⅜	3¼	2¼	12	Wqfg
N9S	9	2⅜	3	2¼	12	Wrlo
A10 (a)	10	3	3¼	1¾	20	Wshi
A10 (b)	10	3	3¼	2½	20	Wshi
C10 (a)	10	2⅜	3¼	1⅞	12	Wujk
C10 (b)	10	2⅜	3¼	2¼	12	Wujk
C10 (c)	10	2⅜	3¼	2½	12	Wujk
N10S	10	1½	2 7/16	1 11/16	8	Wzno
D12 (a)	12	4	4¼	2¼	33	Wjuk
D12 (b)	12	4	4¼	2⅝	33	Wjuk
E12	12	3	3¾	2½	26	Wlsm
G12H	12	3⅝	4¼	3⅛	32	Wnqo
HE12	12	3	4¼	3⅛	29	Wpor
*K12C	12	2	2½	1⅝	10	Wsls
M12 (a)	12	3	3¼	2	20	Wtku
M12 (b)	12	3	3¼	2½	20	Wtku
N12	12	2½	3¾	2½	20	Whom
J14	14	2½	3¾	2½	24	Wyvt
K14	14	3	3¾	2½	30	Wywk
A16	16	2½	4¼	3	24	Wlkm
B16	16	2½	4¼	3	38	Wnmo
C18	18	2½	4¼	3	29	Wrqs
E18	18	2½	4¼	3	38	Wutv
H18	18	3½	4¼	3	42	Wcod

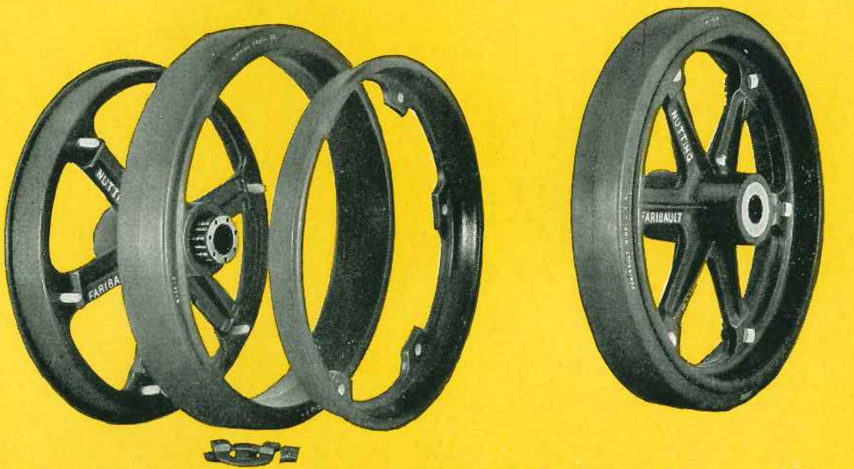
* Crown face.

WHEELS OF CAST STEEL

Ref. No.	Diam.	Face	Hub Length	Hub Diam.	Weight	Code Word
10SL	10	2½	3⅜	2¼	10	Wkwl
10SH	10	2⅞	3⅜	2¼	13	Wlxm
12SL	12	3	4⅜	2⅜	18	Wbyn
12SH	12	3½	4⅜	7⅞	23	Wnzo

Nutting wheels are of Semi-Steel, a strong, long-wearing metal produced in our own foundry. The face or tread is smooth, and flat with edges rounding to prevent cutting and damaging of floors, except where crown face is indicated. Plain bearing wheels are furnished with oil holes, but grease fittings can be supplied on them at a small additional cost.

Nutting FREE WHEELING RUBBER TIRED WHEELS



Regular and Medium Heavy Duty
RD TYPE—INDUSTRIAL DEMOUNTABLE

The rubber used in all **Nutting** tires is called Free Wheeling, because it starts and rolls more easily than ordinary rubber tires —runs as easily, and on most floors, far easier than metal or composition wheels of the same size. A startling statement, yet easily proven. Free Wheeling rubber tired wheels also save floors and are noiseless.

The RD tire will not stretch off the wheel. It is reinforced with braided wire cables within the base and will not loosen, creep or break under service. Free Wheeling rubber tread is resilient, yet extremely tough and resistant to wear, metal chips, nails, etc.

The RD type wheel is made of Semi-Steel with rims which bolt together against the base of the tires—a demountable feature which makes tire replacement an easy matter. Lock washers on all bolts. All hubs have grease chambers with grease fittings and grease retaining thrust washers as standard for roller bearings. Solid roller cage bearings as well as plain bearings are furnished.

Wheel No.	Tire Diameter Outside	Tire Diameter Inside	Tire Width	Rim Width	Hub Length	Hub Diam.	Usual Bearing Size Axle Diam. | Bear. Lgth.	Weight Complete	Capacity Lbs.	Code with Solid Roller Cage Bear.
N5XRD	5	3¼	1½	1 11/16	1 15/16	1⅝	½ x 1¾	3	300	Kawale
N5XRD	5	3¼	1½	1 11/16	1 15/16	1⅝	⅝ x 1¾	3¼	300	Kawnut
N8HRD	8	6⅜	1⅞	2⅜	3	2 1/16	⅞ x 2¾	12	500	Kaxso
R14D	14⅛	12⅛	2¼	2⅞	3¼	2½	1 x 3	26	650	Kaybo

Bearings of other sizes can be furnished. Hub diameter should be ½ inch larger than bearing bore
Rubber Tire Only, add the word "Spare" to wheel code.

Solid Rubber Wheels

"WHEELITE"

The material in our wheels is called "Wheelite." The Free Wheeling cushion rubber tread gives a remarkable ease of mobility.

The tread is molded by special vulcanization process to the solid core. It will not come off. The solid hard tread composition "Wheelite" Wheel has great resistance to corrosion and deterioration where powder or fluid chemicals (except alkali), grease, oil or acids are encountered. It will not produce sparks and will not damage floors. These wheels are less noisy than metal. All sizes are available entirely of Wheelite but standard have Wheelite centers with Free Wheeling cushion treads. These wheels are only available with "Durex" self-lubricating bearings.

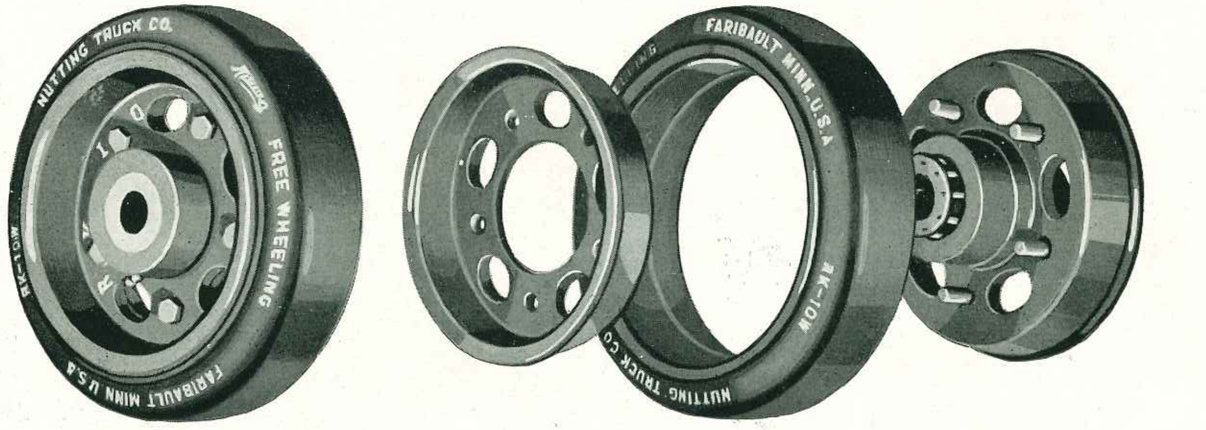
SOLID RUBBER WHEELS SPECIFICATIONS

Wheel No.	Dia.	Face	Hub Length	Axle Dia.	Weight	Code Word
RS2½	2½	1⅛	1 7/16	⅜	¼	Motm
RS3	3	1¼	1 11/16	⅜	½	Moun
RS3	3	1¼	1 11/16	⅝	½	Movo
RS4	4	1⅜	1 11/16	½	¾	Moys
RS4	4	1⅜	1 11/16	⅝	¾	Mowp
RS5	5	1⅜	1 15/16	½	1	Mozr
RS5	5	1⅜	1 15/16	⅝	1	Moxq
RS6	6	1¾	2⅛	½	1½	Molv
RS6	6	1¾	2⅛	⅝	1½	Mont
RS6	6	1¾	2⅛	¾	1½	Momu

Furnished in durex bearing only. Add letter "H" to wheel No. if hard tread is desired.

FREE WHEELING RUBBER TIRED WHEELS

RK TYPE—DEMOUNTABLE—Heavy and Extra Heavy Duty



The Free Wheeling RK type tire has the same tread contour and dimensions as the same size tire in the RV type, and in addition is considerably thicker, with a V-shaped base which fits the wheel. The RK tire will not stretch off the wheel. It has a tough rubber, reinforced base and will not loosen, creep, or break under severe service.

The RK type heavy duty wheel is made of Semi-Steel with rims which bolt against the base of the tire—a demountable feature which makes tire changing an easy matter. Lock washers on all bolts. Solid roller cage bearings, grease fittings and grease retaining thrust washers are standard.

Wheel No.	Tire Diam.	Tire Width	Rim Width	Hub Length	Hub Diam.	Usual Bearing Size Axle Diam. | Bear. Lgth.	Weight Lbs.	Capacity Lbs.	Code Word With Solid Roller Bearing
RK6 (a)	6	2¼	2½	2½	1⅞	¾x2	7	500	Kifah
RK6 (b)	6	2¼	2½	2 15/16	1⅞	¾x2½	7	500	Kifhe
RK6 (c)	6	2¼	2¾	2⅛ Offset	1⅞	¾x2	7	500	Kifam
RK7 (a)	7	2¼	2⅝	2½ Offset	1⅞	¾x2½ Durex	10	600	Kifgh
RK7 (b)	7	2¼	2⅝	2¾	1⅞	¾x2½	10	600	Kifig
RK8 (a)	8	2½	2¾	3	2	⅞x2¾	12	700	Kifit
RK8 (b)	8	2½	2¾	3¼	2½	1 x3	12	700	Kifba
RK8 (c)	8	2½	2¾	2¼ Offset	2½	1 x2	12	700	Kifxr
RK9 (b)	9	2½	2⅞	3¼	2⅜	1 x3	16	800	Kifhl
RK9W (a)	9	3	3⅜	3¼	2½	⅞x3	18	900	Kifwu
RK9W (b)	9	3	3⅜	3¾	3	1 3/16x3½	18	900	Kiflj
RK10 (a)	10	2½	2⅞	3¼	2½	1 x3	17	850	Kifmk
RK10 (c)	10	2½	2⅞	2¼ Offset	2½	1 x2	17	850	Kifmr
RK10W	10	3	3¼	3¼	2½	1 3/16x3	20	1000	Kifcd
RK12N	12	2½	2⅞	3¼	2½	1 x3	30	900	Kifxy
RK12	12	3	3⅜	3¾	2½	1 x3½	24	1000	Kifno
RK12W	12	3½	4	4¼	2½	1¼x4	30	1200	Kifde
RK14	14	3	3⅜	3¾	2½	1 x3½	34	1100	Kifom
RK14W	14	3½	3⅞	4¼	2½	1 x4	38	1300	Kifpn
RK16	16	3	3⅜	4¼	3	1 3/16x4	44	1300	Kifqt
RK18	18	3	3⅜	4¼	3	1 3/16x4	48	1400	Kifsv
RK18W	18	3½	4	4¼	3⅛	1 3/16x4	55	1500	Kifgd

Hub Sizes, larger, longer, or shorter, with any size bore, with or without bearings, can be made.
Bearings of other sizes can be furnished. Hub diameter should be ½ inch larger than bearing bore.

RV TYPE—VULCANIZED—Rubber Tired Wheels

The RV tire has a strong, adhesive base, tenaciously vulcanized to the face of the metal wheel casting, preventing tread separation. The Free Wheeling rubber tread is resilient, yet extremgly tough and resistant to wear, metal chips, nails, etc., and the wide, thick tread gives years of service.

Wheel No.	Tire Diam.	Tire Width	Hub Length	Hub Diam.	Usual Bearing Size Axle Diam. | Bear. Lgth.	Weight Lbs.	Capacity Lbs.	Code Word With Solid Roller Bearing
RV3	3¼	1⅜	1 11/16	1⅝	⅝ x 1½	2	200	Kiabe
RV4	4	1½	1 11/16	1⅝	⅝ x 1½	4	300	Kiace
RV7W (a)	7	3	3¼	2⅝	1 x 3	12	640	Kibou
RV8 (a)	8	2½	3	2	⅞ x 2¾	10	600	Kibzi
RV9W	9	3	3¼	3	1 3/16 x 3	17	750	Kicom
RV10W	10	3	3¼	3	1 3/16 x 3	19	760	Kiclo

Bearings of other sizes can be furnished. Hub diameter should be ½ inch larger than bearing bore.

TAPERED STEM SWIVEL CASTERS

WITH RIBBED BACK SOCKETS

The long tapered stem swivels freely and easily with no tendency to cramp or bind. Load rests on shoulder at bottom of all sockets, not on the bolts. A vertical rib on the socket fits into a slot in the truck sill, lessening strain on the bolts and avoiding splitting of the sill.

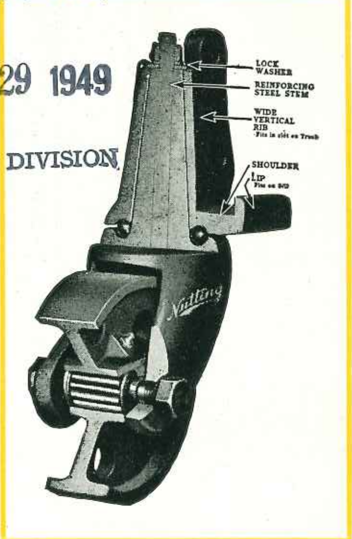
Grease fittings are standard on all swivel sockets. Solid roller cage bearings are standard in all wheels, but plain bearings are optional.

Oil Bearing Swivel

The oil bearing caster is illustrated at bottom of page and is identical in construction with the caster shown, except the balls are replaced by a ball shaped circular bottom on the socket, which fits into and swivels easily in the raceway.

Axle Construction

Axle illustration at the right shows the axle construction on all **Nutting** stem casters. A bolt with lock washer clamps the bearing sleeve between fork sides.

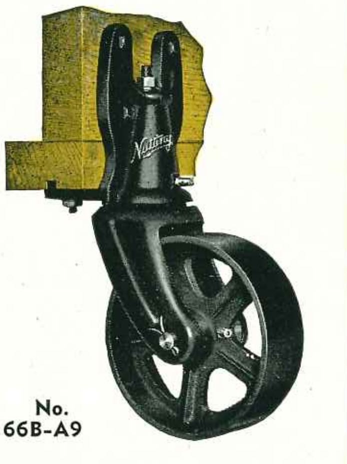


Oil and Ball Bearing Swivels— Semi-Steel Wheels

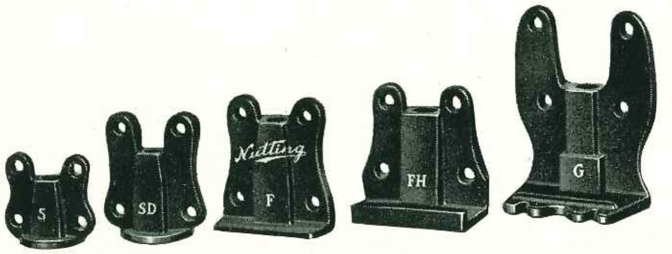
ORDER CASTERS BY REFERENCE NUMBER OF CASTER, not by wheel size or part number.

			BALL BEARING SWIVELS						OIL BEARING SWIVELS		
Caster Ref. No.	**Wheel Ref. No.**	**Wheel Dia. & Face**	**Caster Weight**	**Height to Socket Shoulder**	**Height Overall**	***Code Word**	**Fork Used**	**†Socket Used**	**Height to Socket Shoulder**	**Height Overall**	**Caster Ref. No.**
66B-J4	J4	4x1 ½	8½	5½	10⅛	Cagab	37B	SB	5¼	9⅞	66-J4
66B-N5S	N5S	5x1 ½	10½	6½	11	Camrs	84	SDB	6¼	10¾	66-N5S
66B-A6	A6	6x1 ¾	16	7½	12⅜	Capab	54K	FB	7½	12⅜	66-A6
66B-M6	M6	6x2 ¼	17½	7½	12⅜	Capbc	54K	FB	7½	12⅜	66-M6
66B-B7	B7	7x2	20	9¼	14¼	Carts	86K	FHB	9⅛	14¼	66-B7
66B-N8HS	N8HS	8x2 ¼	28	10¼	17½	Caruv	47W	GB	10¼	17¼	66-N8HS
66B-A9	A9	9x3	37	10⅝	18	Caxtu	51	GHB	(Not made oil bearing)		

†Sockets with oil bearings have "B" omitted, i.e. S oil bearing or SB ball bearing.
***Oil Bearing Casters** Code Word Designation, add "Oilob" to ball bearing code word.



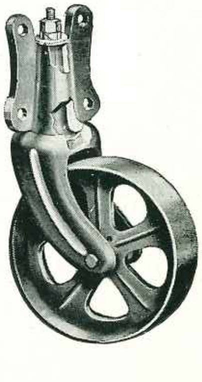
No. 66B-A9



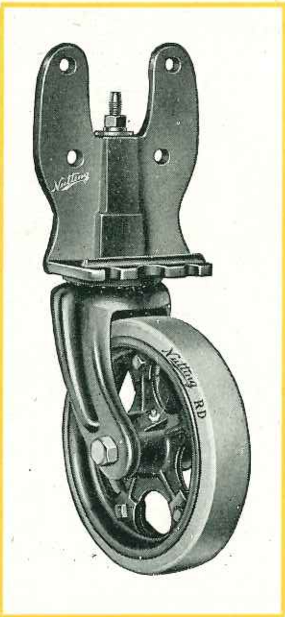
RIBBED BACK CASTER SOCKETS

The vertical rib shown on these caster sockets fits into a slot cut in the wood sill of the truck. The sill rests on the shoulder at the bottom of each socket. The lip on the shoulder of the two largest sockets clamps the sill in place. These sockets take strain off the attaching bolts and avoid breakage. Ball bearing sockets have "B" added, i.e., GB.

OIL BEARING SWIVEL CASTER

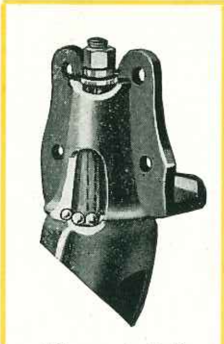


RUBBER TIRED TAPERED STEM CASTERS

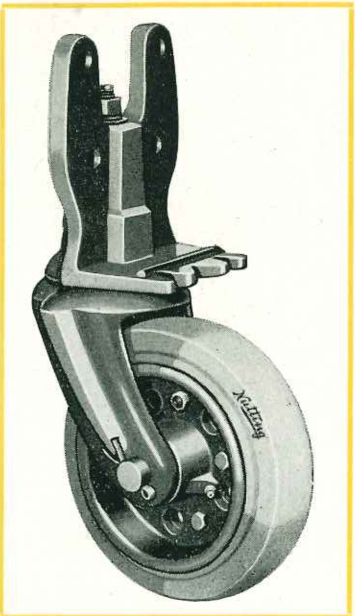


No. 70B-D8H Caster with RD Demountable Wheel

All sockets used on **Nutting** swivel casters have a shoulder on which load rests instead of putting all the load weight on the bolts. Some sockets have a lip in addition to the shoulder as shown on those illustrated here, for heavier duty. See socket illustrations on preceding page for these features. The long tapered stem has a steel center reinforcement as is shown in the center. This type construction avoids bending of the stem and always provides easy swiveling without cramping or binding. Grease fitting on all sockets. The rubber tired wheels used have Free Wheeling tires as fully described on pages preceding, including capacity.



View of Ball Bearing Swivel



No. 70B-K9W Caster with RK heavy duty demountable wheel

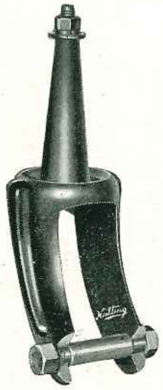
Ball Bearing and Oil Bearing Swivels

ORDER CASTERS BY REFERENCE NUMBER OF CASTER, not by wheel number, size or socket No.

BALL BEARING RIBBED BACK SOCKETS								OIL BEARING RIBBED BACK			
Caster Ref. No.	**Wheel Ref. No.**	**Wheel Dia. & Face**	**Caster Weight**	**Height to Socket Shoulder**	**Height Overall**	***Code Word**	**Fork Used**	**†Socket**	**Height to Socket Shoulder**	**Height Overall**	**Caster Ref. No.**
70B-V4B	RV4	4x1 ½	10	5 ½	10 ⅛	Crucc	37B	SB	5 ¼	9 ⅞	70-V4
70B-D5X	N5XRD	5x1 ½	11	6 ½	11	Cruho	84	SDB	6 ¼	10 ¾	70-D5X
70B-K6	RK6	6x2 ¼	18	7 ½	12 ⅜	Cruij	54K	FB	7 ½	10 ⅜	70-K6
70B-K7A	RK7	7x2 ¼	24	9 ¼	14 ¼	Crumn	86K	FHB	9 ⅛	14 ¼	70-K7A
70B-D8H	N8HRD	8x1 ⅞	29	10 ¼	17 ½	Cruti	47W	GB	10 ¼	17 ¼	70-D8H
70B-K8	RK8	8x2 ½	30	10 ¼	17 ½	Cruqr	47W	GB	10 ¼	17 ¼	70-K8
70B-K9	RK9	9x2 ½	39	10 ⅝	18	Cruts	51	GHB			
70B-K9W	RK9W	9x3	43	10 ⅝	18	Cruvt	51K	GHB			

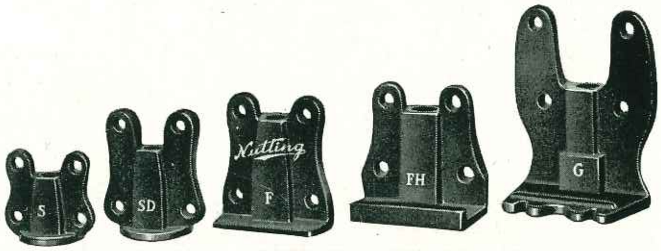
***OIL BEARING CASTERS** Code word designation, add "Oilob" to the ball bearing code word.
†Sockets with oil bearings have "B" omitted, i.e. S oil bearing or SB ball bearing.
LOAD CAPACITY is determined by the capacity of the rubber tired wheel as given in preceding rubber tired wheel pages.

CASTER FORK CONSTRUCTION



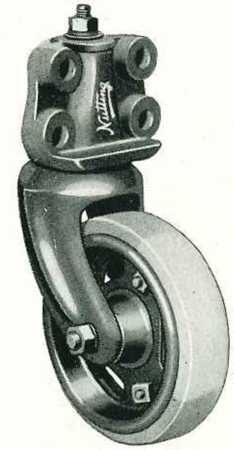
An important part of any caster is the stem and fork construction. For easy swivelling and freedom from bending, the **Nutting** tapered stem with center reinforcement of a steel bolt has proven its superiority by years of satisfactory service. The raceway at the base of the stem is used for either ball bearings or the oil bearing construction.

Many of the forks are ribbed, depending on the capacity. The hardened bearing sleeve is clamped between the fork sides by a bolt with lock washer.



RIBBED BACK CASTER SOCKETS

The vertical rib shown on these caster sockets fits into a slot cut in the wood sill of the truck. The sill rests on the shoulder at the bottom of each socket. The lip on the shoulder of the two largest sockets clamps the sill in place. These sockets take strain off the attaching bolts and avoid breakage. Ball bearing sockets have "B" added, i.e., GB.



BALL BEARING TRUCK CASTERS OF SEMI-STEEL

●

THE LONG TAPERED AND REINFORCED STEM SWIVELS FREELY WITHOUT BINDING

●

AXLES MADE WITH BOLTS HAVING BEARING SLEEVES BETWEEN THE FORK SIDES

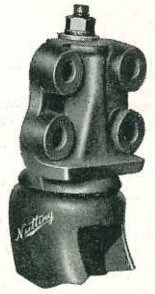
TAPERED STEM SWIVEL CASTERS

USING SOCKETS WITHOUT A VERTICAL RIB

These ball bearing swivel casters have grease gun fittings on the sockets and with the long tapered, reenforced stem will not cramp or bind.

All sockets on this type caster are made to rest flat against a frame or caster bar without a slot. The shoulder at the bottom supports the load and relieves the strain on the attaching bolts.

Solid roller cage bearings are standard in all wheels, with plain bearings optional.



FLAT BACK SOCKET

Flat Back Sockets . Ball & Oil Bearing Swivels . Semi-Steel Wheels

				BALL BEARING SWIVELS					OIL BEARING SWIVELS		
Caster Ref. No.	Wheel Ref. No.	Wheel Dia. & Face	Caster Weight	Height to Socket Shoulder	Height Overall	*Code Word	Fork Used	†Socket	Height to Socket Shoulder	Height Overall	Caster Ref. No.
68B-J4	J4	4x1½	9½	5¾	9¾	Caifd	37B	MDB	5¾	9¾	68-J4
68B-N5S	N5S	5x1½	11	6⅝	10⅝	Candy	84	MDB	6⅝	10⅝	68-N5S
68B-A6	A6	6x1¾	17½	8	12½	Canef	54K	MFB	8	12½	68-A6
†68-K6C	K6C	6x1⅛	7			Canki	39	Gopher	6¾	10	68-K6C
68B-M6	M6	6x2¼	19	8	12½	Caokl	54K	MFB	8	12½	68-M6
68B-B7	B7	7x2	20	9⅝	14	Carom	86K	MFB	9⅝	14	68-B7
68B-N8HS	N8HS	8x2¼	26	11	15⅞	Carmn	47W	MGB	11	15⅞	68-N8HS
68B-A9	A9	9x3	36	11	16½	Caxus	51	MHB			

†Sockets with oil bearings, have "B" omitted, i.e. MD oil bearing, MDB ball bearing.

***Oil Bearing Casters** Code Word Designation, add "Oilob" to ball bearing code word.

Flat Back Sockets . Ball & Oil Bearing Swivels . Rubber Tired Wheels

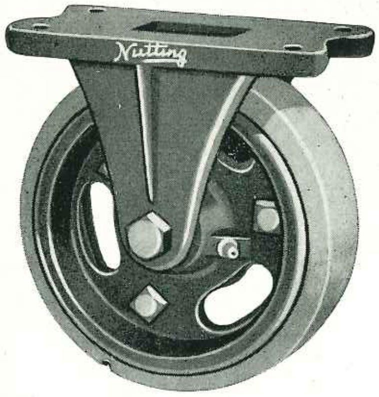
				BALL BEARING SOCKETS					OIL BEARING SOCKETS		
Caster Ref. No.	Wheel Ref. No.	Wheel Dia. & Face	Caster Weight	Height to Socket Shoulder	Height Overall	*Code Word	Fork Used	†Socket	Height to Socket Shoulder	Height Overall	Caster Ref. No.
72B-V4	RV4	4x1½	11	5¾	9¾	Crauc	37B	MDB	5¾	9¾	72-V4
72B-D5X	N5XRD	5x1½	11½	6⅝	10⅝	Crhab	84	MDB	6⅝	10⅝	72-D5X
72B-K6	RK6	6x2¼	19½	8	12½	Crhuj	54K	MFB	8	12½	72-K6
72B-K7	RK7	7x2¼	24	9⅝	14	Crlun	86K	MFB	9⅝	14	72-K7
72B-D8H	N8HRD	8x1⅞	27	11	15⅞	Cropa	47W	MGB	11	15⅞	72-D8H
72B-K8	RK8	8x2½	28	11	15⅞	Crouq	47W	MGB	11	15⅞	72-K8
72B-K9	RK9	9x2½	38	11	16½	Crsvu	51	MHB	11	16½	72-K9
72B-K9W	RK9W	9x3	42	11	16½	Crtvo	51K	MHB			

***Oil Bearing Casters** Code Word Designation, add "Oilob" to ball bearing code word.

†Sockets with oil bearings, have "B" omitted, i.e. MD oil bearing, MDB ball bearing.

LOAD CAPACITY is determined by the capacity of the rubber tired wheel as given in preceding rubber tired wheel pages.

SEMI-STEEL RIGID PLATE (Non-Swivel) CASTERS

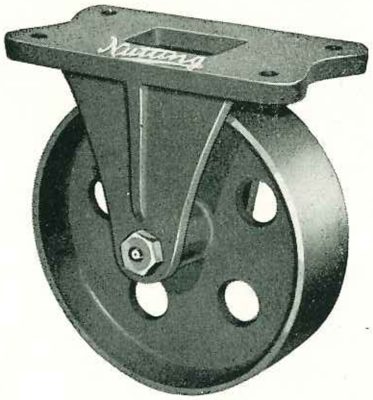


SERIES 100—With RD Type Rubber Tired Wheel

MEDIUM REGULAR AND HEAVY DUTY

The **Nutting** Rigid Plate Casters are designed as non-swivel center or stationary end wheels for use with swivel plate casters. Different combinations of swivel and rigid casters can be arranged for non-tilting or balance type trucks. Where the rigid and swivel casters do not match in height a block or batten of wood can be used between the casters and truck.

Solid roller cage bearings with grease fittings are standard in all wheels, except Solid Rubber RS wheels. RS wheels standard with Durex Bearings (oil impregnated bushing). Plain bearings can be furnished in all semi-steel wheels.



SERIES 100—With Semi-Steel Wheel.

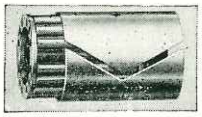
CASTER	Wheel					METAL WHEELS			RUBBER WHEELS			
Ref. No.	Ref. No.	Whl. Size	Plate Size	Bolt Holes	Weight	Height	Cap.	Code Word	Ref. No.	Height	Cap.	Code Word
125	D2	2½x1¼	2⅛x3⅝	1-3/16x2½	1¼	3	200	Rigab	125-RS	3	100	Ravab
125A	D2	2½x1¼	2⅛x3⅝	1-3/16x2½	1¼	3⅜	200	Rigbc	125A-RS	3⅜	100	Ravbc
130	A3	3 x1½	2⅜x4½	1¼x3-3/16	3	3⅝	250	Rigcd	130-RS	3⅝	200	Ravcd
130A	A3	3 x1½	2¾x5	1-7/16x3¾	3	4⅛	250	Rigde	130A-RS	4⅛	200	Ravde
135	K3	3½x1½	2⅜x4½	1¼x3-3/16	3	3⅞	250	Rigef				
140	J4	4 x1½	2¾x5	1-7/16x3¾	3½	4½	300	Rigfg	140-RS	4½	250	Ravef
140A	J4	4 x1½	2¾x5	1-7/16x3¾	4	5⅜	300	Riggh	140A-RS	5⅜	250	Ravfg
150	N5S	5 x1½	3⅝x5¼	2-5/16x4⅛	5	5⅝	400	Righi	150-RS or XRD	5⅝	300	Ravgh
150A	N5S	5 x1½	3⅝x6¼	2¼x5	6	6½	400	Rigij	150A-RS or XRD	6½	300	Ravhi
160	A6	6 x1¾	3⅝x6¼	2-5/16x5	7	6⅝	500	Rigjk	160-RS	6⅝	400	Ravij
160A	A6	6 x1¾	3⅝x6⅜	2¼x5-1/16	8	7¾	500	Rigkl	160A-RS	7¾	400	Ravjk
140W	F4	4⅛x2¼	4⅛x5¾	2⅝x4¼	7½	5	500	Rigmn				
150W	K5	5⅛x2⅜	4⅛x5¾	2⅝x4¼	8½	5⅞	500	Rigno				
160W	M6	6 x2¼	4½x7	3-5/16x5½	11½	6⅞	700	Rigop	160W-RK	6⅞	500	Ravno
160WA	M6	6 x2¼	4½x7	3-5/16x5½	13	8	700	Rigpq	160WA-RK	8	500	Ravop
170W	B7	7 x2	4⅝x7	3⅛x5½	14	8½	900	Rigxy	170W-RK	8½	600	Ravqr
185	N8HS	8 x2¼	5¼x8	3½x6-5/16	22	9¼	1000	Rigtu	185-RK	9¼	700	Ravst
190A	N8HS	8 x2¼	5¾x9	4 x7¼	29	10⅜	1000	Riguv	190A-RK8	10⅜	700	Ravxt
190B	A9	9 x3	5¾x9	4 x7¼	32	10¾	1100	Rigyz	190B-RK	10¾	800	Ravyz
197	A10	10 x3	6⅝x10	4½x8	41	12⅜	1200	Rigvw	197-RK10	12⅜	1000	Ravuv
199W	M12	12 x3	6⅝x10	4½x8	46	13⅜	1200	Rigwx	199W-RK	13⅜	1000	Ravvw

HEAVY DUTY CASTERS with Rubber Tired Wheels

The wide tread heavy duty casters use this type of rubber tired wheel, instead of the RD type demountable as shown above. The rubber wheel capacity determines the caster capacity.

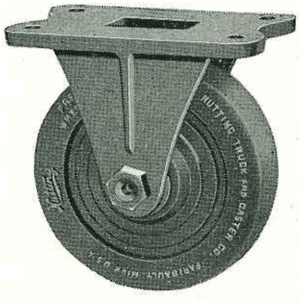
RK TYPE—Rubber Tired Wheel With Wide Tread, Heavy Duty Demountable Tire.

Solid Roller Bearings with Outer Races

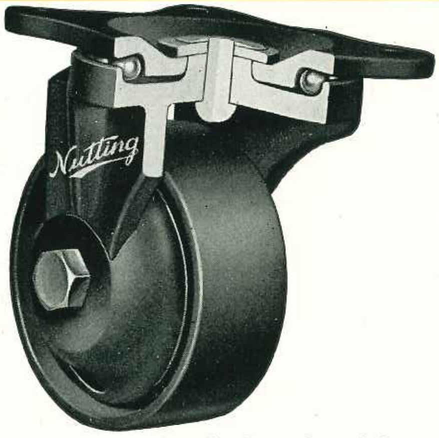


Solid roller cage bearings with outer races, press fit grease retaining washers and grease fittings are standard. Plain bearing metal wheels available when specified.

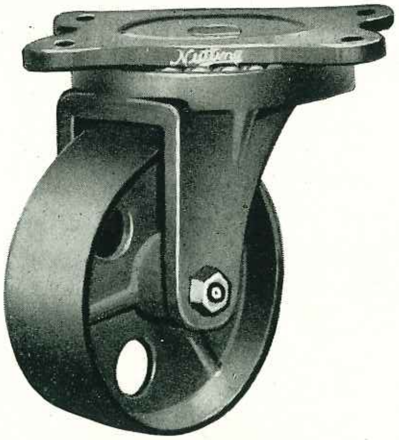
SERIES 100 CASTERS



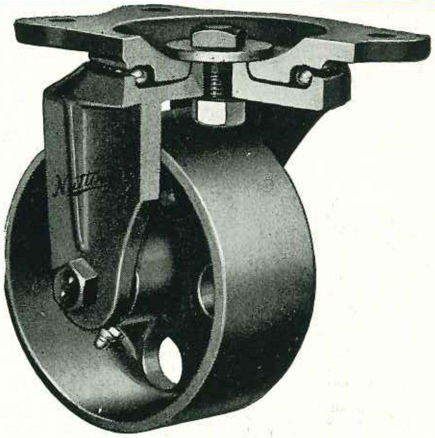
With Solid Rubber Wheel



SERIES 300—Regular Duty Swivel Construction. Thread Guard is Extra Equipment.



SERIES 300-400—Semi-Steel Castings. Bolt Axle with Roller Bearing Wheels.



SERIES 400—Heavy Duty Swivel Construction. Also made with Rubber Tired Wheels.

SINGLE BALL RACE SWIVEL CASTERS

This single ball race construction meets the demand for a low priced swivel caster that is sturdily built and well proportioned. The single row of steel balls carries the load and swivels easily, with the side thrust carried by a short stem or "boss" around the king bolt in a construction that prevents binding. All castings are of Semi-Steel.

The regular duty Series 300 has a riveted king pin with a strong thick washer tight against the stem holding the swivel assembly together.

The heavy duty Series 400 has thicker, stronger castings and wider faced stronger wheels. The king bolt has a lock washered nut clamping the big washer against the boss.

Axle Construction and Roller Bearings

All plain and roller bearing wheels in Series 400 have bolt axles with a cold rolled sleeve clamped between the fork sides. Axle nuts have lock washers. Series 300 casters have cold rolled steel bolt axles, without sleeves, with bolt heads locked against the fork sides with lock washers.

Solid roller cage bearings with grease fittings are standard in all wheels, except the Solid Rubber RS wheels. RS type rubber wheels standard with Durex Bearings (oil impregnated bushing) and all Semi-Steel wheels can be furnished plain bearing when specified.

Caster No.	Wheel No.	Metal Wheel Size	Plate Size	Bolt Holes	Weight	METAL WHEELS Height	Cap.	Code Word	Ref. No.	RUBBER WHEELS Height	Cap.	Code Word	Usual Rigid Caster
325	D2	2½x1¼	3⅜x4¼	2 7/16x3 3/16	2½	3⅜	200	Polab	325-RS	3⅜	100	Pebab	125A
330	A3	3 x1½	3½x4¼	2 7/16x3 3/16	3	4⅛	250	Polbc	330-RS	4⅛	200	Pebbc	130A
335	K3	3½x1½	3½x4¼	2 7/16x3 3/16	3½	4⅜	250	Polcd					
340	J4	4 x1½	3⅝x4¾	2⅝x3⅝	5½	5⅜	300	Polde	340-RS	5⅜	250	Pebcd	140A
350	N5S	5 x1½	4⅜x5⅝	3 x4⅜	7½	6½	400	Polgh	350-XRD or RS	6½	300	Pebef	150A
360	A6	6 x1¾	5¼x6⅝	4 x5⅜	12½	8	500	Polij	360-RS	8	400	Pebgh	
440N	C4	4⅛x1⅝	5⅜x6¾	4 x5⅜	15	6⅞	600	Polkl	440N-RV	6⅞	300	Plapo	160W
440	F4	4⅛x2¼	4½x6⅜	2 5/16x4 13/16	10	5⅝	500	Pollm					150
440A	F4	4⅛x2¼	4 9/16x5 13/16	2½x4½	10	5⅞	500	Polmn					150W
440B	F4	4⅛x2¼	4 7/16x5 13/16	3 x4⅜	11	5⅝	500	Polno					150
450	K5	5⅛x2⅜	4½x6⅜	2 5/16x4 13/16	11	6⅝	500	Polop	450-XRD	6⅝	400	Pebkl	160
450A	K5	5⅛x2⅜	4 9/16x5 13/16	2½x4½	11	6⅞	500	Polpq	450A-XRD	6⅞	400	Peblm	160W
450B	K5	5⅛x2⅜	4 7/16x5 13/16	3 x4⅜	11½	6⅝	500	Polqr	450B-XRD	6⅝	400	Pebmn	160
460W	M6	6 x2¼	5⅜x6¾	4 x5⅜	18	8⅞	700	Polst	460W-RK	8⅞	500	Pebno	
485	N8HS	8 x2¼	7⅛x8¾	5 x7	35	10⅜	1000	Poltu	485-RK	10⅜	700	Pebop	190A
*497	A10	10 x3	8⅛x9⅞	5½x8	55	12⅜	1200	Poluv	497-RK	12⅜	1000	Pebpq	197

*King bolt nut projects 1" above top plate.

Series 300 with Rubber Tired Wheel

The RS type solid rubber wheel is used in the Series 300 caster. Capacity of wheel determines caster capacity.

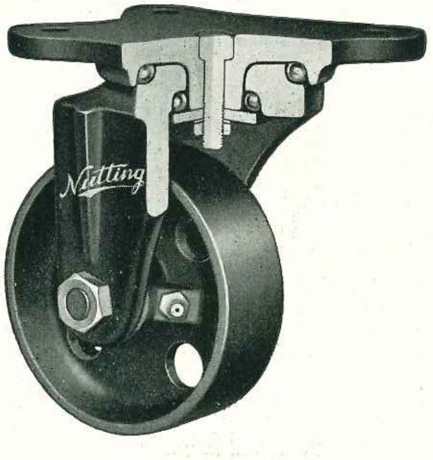
Special Top Plates

This top plate is designed to fit on a steel angle. It is 2" high and 1¼x1¼". Available on No. 325 and 300. No attachment holes bored unless specified. Add X to caster and code word, Blutu. Another socket available, is cup shaped, to fit on round legs 1½ to 2" diameter. Add P to 325 or 330, code word Bluvw.

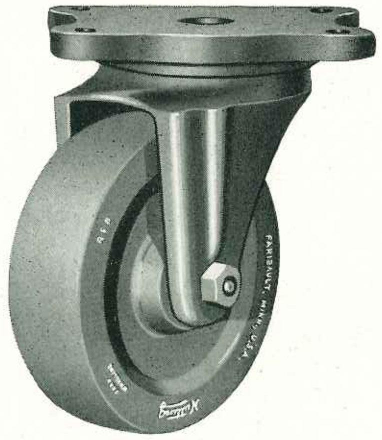
Demountable

Rubber Tired Wheel

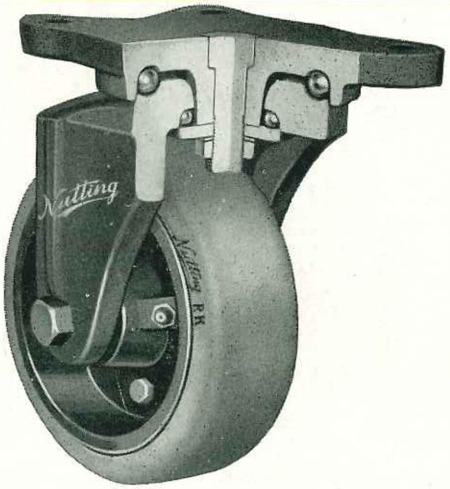
The RK type rubber tired wheels are used in casters and as main wheels. This tire is easy rolling and demountable, but will not stretch off the wheel.



SERIES 500—Medium Heavy Duty Swivel Construction. Also made with Rubber Tired Wheels.



SERIES 500—Semi-Steel Castings. Shown with RS Type Solid Rubber Wheel.



SERIES 700—Heavy Duty Swivel Construction Shown with RK Type Rubber Tired Wheels.

DOUBLE BALL RACE SWIVEL CASTERS

The double ball race swivel construction uses the large row of steel balls to carry the load and provide easy swivelling. The lower ball race takes the side thrust and prevents friction. These are strongly made with all castings of semi-steel. Grease fitting on the swivel.

SERIES 500

Designed for medium heavy duty loads with ample strength for their load carrying capacity. The king bolt and washer bearing plate are of hardened steel. Lock washer and nut for wear adjustment.

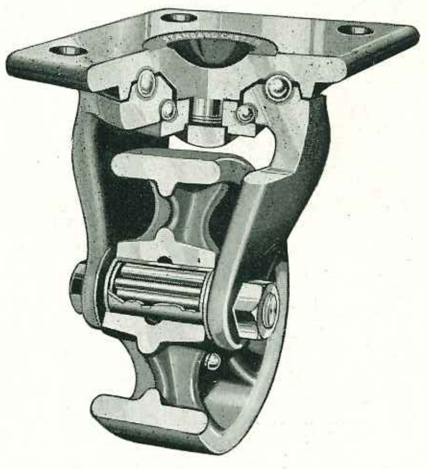
SERIES 700

Strong thick castings with heavy duty capacity. Steel balls of large diameter, and a large diameter, hardened steel king bolt. Thick washer bearing plate is hardened. Lock washer and nut for wear adjustment.

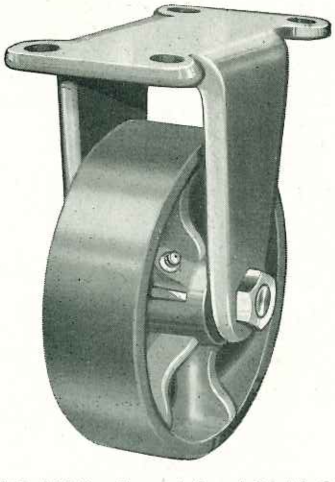
The last column shows the rigid caster of similar height which is usually used with the swivel casters specified on this sheet.

Ref. No.	Wheel Ref. No.	Wheel Size	Plate Size	METAL WHEELS Bolt Holes	Weight	Height	Capacity	Code Word	Usual Rigid Caster Ref. No.
530	A3	3 x1½	3⅞x5 3/16	2⅛x3⅞	5¼	4½	350	Plaab	140
535	K3	3½x1½	4 x5	2⅝x3⅝	6	5	375	Plabc	140W
540	J4	4 x1½	4 x5	2⅝x3⅝	7	5¾	400	Placd	150
550	N5S	5 x1½	4½x6¼	2 7/16x4 15/16	9	6⅝	450	Plade	160
560	A6	6 x1¾	4½x6	3 3/16x4⅝	11	7¾	600	Plaef	160A
740	F4	4⅛x2¼	4½x6	3 3/16x4⅝	9	6⅛	700	Plagh	150A
740W	M4	4 x3	5⅜x6¾	3⅜x5¼	17¼	6¼	800	Plakl	150W
750	K5	5⅛x2⅜	4½x6	3 3/16x4⅝	12	7¼	750	Plahi	
760A	M6	6 x2¼	5⅜x6¾	3⅜x5¼	18½	8	850	Plaij	160WA
780	N8HS	8 x2¼	6⅝x7¾	4½x6	30	10¼	1000	Plajk	190A

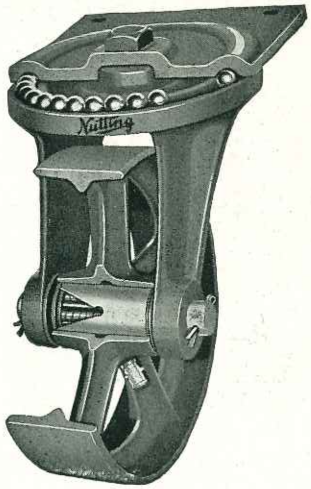
Ref. No.	Wheel Size	Plate Size	RUBBER WHEELS Bolt Holes	Weight	Height	Capacity	Code Word	Usual Rigid Caster Ref. No.
530-RS	3 x1¼	3⅞x5 3/16	2⅛x3⅞	5¼	4½	200	Plauv	140-RS
540-RS	4 x1⅜	4 x5	2⅝x3⅝	7	5¾	250	Plavw	150-RS
550-RS	5 x1⅜	4½x6¼	2 7/16x4 15/16	9	6⅝	300	Plawx	160-RS
560-RS	6 x1¾	4½x6	3 3/16x4⅝	11	7¾	400	Plaxy	160A-RS
540-RV	4 x1½	4 x5	2⅝x3⅝	7	5¾	300	Plamn	150-XRD
550-XRD	5 x1½	4½x6¼	2 7/16x4 15/16	9	6⅝	400	Plano	150A-XRD
750-XRD	5 x1½	4½x6	3 3/16x4⅝	12	7¼	400	Plars	
760A-RK	6 x2½	5⅜x6¾	3⅜x5¼	17½	8	500	Plast	160WA-RK
780-RK	8 x2¾	6⅝x7¾	4½x6	31	10¼	700	Platu	190A-RK8



SERIES 1000—Forged Steel Plates and Forks. Machined and Hardened Double Ball Races.



SERIES 1100—Forged Steel Rigid Caster to match Series 1000.



SERIES 600S—Cast Steel
SERIES 600—Semi-Steel

HEAVY DUTY CASTERS

SERIES 1000 and 1100

The plate fork, sides and lower ball race are die-forged, machined and heat treated for great strength. They are unbreakable and built for a life time of wear.

Roller bearing wheels are standard construction, with grease gun fittings on wheel hub and swivel. Heavy duty semi-steel wheels as standard but rubber tired wheels can be furnished on 4-inch and 6-inch sizes.

SERIES 600 (Trailer Casters)

These rugged casters are designed for heavy trailer service, with spiral roller bearings and grease gun fittings as regular equipment. 1" rigid king bolts have slotted nuts, permitting adjustment for wear. Raceways are machined, with ⅝" hardened steel balls. Projecting "boss" takes all side thrusts.

Long sweeping fork carries wheel well back from center of caster, approximately 3½", assuring perfect trailing and easy swivelling. No "whipping" of caster at any speed.

									RUBBER TIRED WHEELS			
Ref. No.	Wheel Ref. No.	Wheel Size	Top Plate	Bolt Holes	Height	Cap.	Weight	Code Word	Ref. No.	Wheel Size	Cap.	Code Word
685	N8HS	8 x2¼	7⅛x8¾	5 x7	10½	1000	36	Wizab	685-RK	8x2½	700	Wizfg
697	A10	10 x3	8⅛x9⅞	5½x8	12¼	1200	59	Wizbc	697-RKW	10x3	1000	Wizgh
*698S	10SL	9⅞x2½	8½x12	6 x10½	11$\frac{9}{16}$	1200	38	Wizcd	698S-RK	10x2½	700	Wizhi
*699S	10SH	9⅞x2⅞	8½x12¼	6 x10½	11$\frac{9}{16}$	1500	44	Wizde	699S-RKW	10x3	1000	Wizij
1004	NHY-4	4 x1½	4 x5	2⅝x3⅝	5⅝	550	8	Wizkl	1004-RV	4x1½	300	Wizpq
1005	NHY-5	5 x1¾	4 x5	2⅝x3⅝	6⅝	600	9	Wizlm				
1005A	NHY-5	5 x1¾	4½x6	2$\frac{7}{16}$x4$\frac{15}{16}$	7⅛	600	11	Wizmn				
1006	NHY-6	6 x1⅞	4½x6	2$\frac{7}{16}$x4$\frac{15}{16}$	7⅝	800	13	Wizno	1006-RK	6x2½	500	Wizst

***CAST STEEL** castings throughout.

RIGID FORGED STEEL CASTERS. The fork and top plate are forged in one piece and match the overall height of the Series 1000 Swivel Casters. Bolt holes are 2$\frac{7}{16}$x4$\frac{15}{16}$". Capacity and wheel sizes the same as the swivels. Designate them as Series 1100 with the same last numbers as Series 1000 and add code word, Rigid.

SIDE OR END POCKETS for Pipes or Wood Stakes

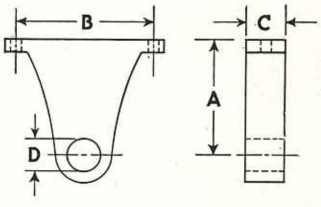
No. 33P

These pockets are designed to bolt onto sides or ends of truck frames. They are made for steel pipe or for flat or octagon wood stakes. Specify stake size and type required.

AXLE BOXES & COLLARS

This drawing shows the widely used, standard axle box construction. They are made in many sizes. Specify the dimensions corresponding to the letters.

Semi-steel axle collars are made for many axle sizes. Set screws to hold them in position.



Index to Figure Numbers

Figure Number	Page Number
2 & 2A	2D
5	3D
16-12	2D
16-12CVS	3D
16-12GLF	3D
16-13L	2D
23-A	2D
29-1A	3D
29-2A	3D
31-1 & 1A	2D
37	12-13D
40	2D
45	2D
52 & 52A	2D
53	12-13D
61	10D
77A	2D
93A	3D
95A	4D
100	5D
106	9D
136	11D
143	9D
151	7D
154-154A-154B	8D
172	10D
289	9-10D
300	14D
407	10D
419	6D
427	11D
450	15D
452	15D
454	16D
456	16D
458	16D
464-SR-1S	8D
510	5D
526	5D
526A	5D
546	5D

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